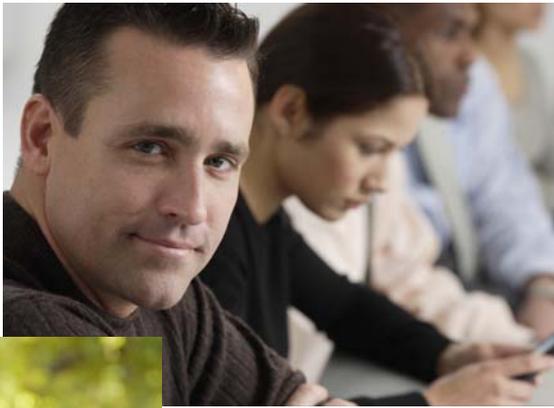


Maricopa County Health Status Report 2001 – 2005



Five Year Trends Reference Tables



Prepared by the Maricopa County Department of Public Health
Office of Epidemiology and Data Services

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Maricopa County

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For additional copies of this report, please call the Maricopa County Department of Public Health, Office of Epidemiology and Data Services at 602.372.2604. This report may also be found at http://www.maricopa.gov/public_health/epi/ under "Health Statistics and Reports."

Maricopa County Health Status Report 2001-2005

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Introduction

This report provides health status information for the years 2001 to 2005 for residents of Maricopa County, Arizona. It includes data for morbidity (death), communicable diseases, and natality (birth), as well as information on the size and demographic distribution of the population.

For each disease or health indicator, the following information is provided:

- Number of cases in the county
 - Communicable Disease Example: 248 residents of Maricopa County were diagnosed with confirmed cases of Pertussis (whooping cough) in 2005.
 - Natality (Birth) Example: There were 735 infants born with a very low birthweight (less than 1500 grams) in 2005.
- Rate or percentage of cases in the county
 - Communicable Disease Example: For every 100,000 residents of Maricopa County, 6.8 were diagnosed with Pertussis in 2005.
 - Natality (Birth) Example: Among all live births in 2005, 1.2% were born with a very low birthweight.

All data in this report are for calendar years 2001 through 2005.

Information on data sources and methodology are in Section III – Technical Notes.

***I. Maricopa County Population Statistics
2001-2005 Tables***

Maricopa County Population Statistics

Table 1.01 Population Estimates by Age, Gender, and Race/Ethnicity, 2005

Age by Gender

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	152,710	8.3%	145,799	8.1%	298,509	8.2%
5-9	140,989	7.7%	134,593	7.5%	275,582	7.6%
10-14	137,993	7.5%	131,618	7.3%	269,611	7.4%
15-19	126,840	6.9%	119,571	6.6%	246,411	6.8%
20-24	131,497	7.2%	119,884	6.6%	251,381	6.9%
25-34	300,213	16.4%	268,547	14.9%	568,760	15.6%
35-44	275,712	15.1%	256,567	14.2%	532,279	14.6%
45-54	226,478	12.4%	227,304	12.6%	453,782	12.5%
55-64	160,921	8.8%	175,239	9.7%	336,160	9.2%
65-74	101,918	5.6%	113,700	6.3%	215,618	5.9%
75-84	56,915	3.1%	78,929	4.4%	135,844	3.7%
85+	17,194	0.9%	34,397	1.9%	51,591	1.4%
Total	1,829,380		1,806,148		3,635,528	

Race/Ethnicity by Gender

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,101,359	60.2%	1,134,143	62.8%
Hispanic	548,435	30.0%	489,079	27.1%
African American	70,884	3.9%	68,420	3.8%
Amer. Ind., Non-Hisp.	28,969	1.6%	31,364	1.7%
Amer. Ind., Hisp.	9,297	0.5%	8,762	0.5%
Asian	46,640	2.5%	50,445	2.8%
Other/2+ Races	23,796	1.3%	23,935	1.3%
Total	1,829,380		1,806,148	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian Non-Hispanic		American Indian Hispanic		Asian		Other/2+ Races		Total No.
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	131,778	5.9%	132,852	12.8%	10,321	7.4%	7,702	12.8%	1,235	6.8%	6,910	7.1%	7,711	16.2%	298,509
5-9	130,089	5.8%	112,754	10.9%	11,433	8.2%	5,227	8.7%	2,285	12.7%	6,199	6.4%	7,595	15.9%	275,582
10-14	136,508	6.1%	100,756	9.7%	12,704	9.1%	5,462	9.1%	2,200	12.2%	5,923	6.1%	6,058	12.7%	269,611
15-19	133,341	6.0%	83,900	8.1%	11,975	8.6%	5,309	8.8%	1,981	11.0%	5,195	5.4%	4,710	9.9%	246,411
20-24	131,247	5.9%	92,298	8.9%	11,012	7.9%	5,086	8.4%	1,753	9.7%	6,167	6.4%	3,818	8.0%	251,381
25-34	290,373	13.0%	213,958	20.6%	22,668	16.3%	11,247	18.6%	3,188	17.7%	21,101	21.7%	6,225	13.0%	568,760
35-44	331,764	14.8%	143,866	13.9%	22,511	16.2%	8,746	14.5%	2,606	14.4%	18,298	18.8%	4,488	9.4%	532,279
45-54	329,962	14.8%	82,665	8.0%	17,780	12.8%	5,820	9.6%	1,566	8.7%	12,633	13.0%	3,356	7.0%	453,782
55-64	270,160	12.1%	42,270	4.1%	9,987	7.2%	3,283	5.4%	746	4.1%	7,698	7.9%	2,016	4.2%	336,160
65-74	181,728	8.1%	20,562	2.0%	5,681	4.1%	1,542	2.6%	364	2.0%	4,667	4.8%	1,074	2.3%	215,618
75-84	121,413	5.4%	8,918	0.9%	2,407	1.7%	684	1.1%	129	0.7%	1,784	1.8%	509	1.1%	135,844
85+	47,139	2.1%	2,715	0.3%	825	0.6%	225	0.4%	6	0.0%	510	0.5%	171	0.4%	51,591
Total	2,235,502		1,037,514		139,304		60,333		18,059		97,085		47,731		3,635,528

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2005.

Maricopa County Population Statistics

Table 1.02 Population by Race/Ethnicity, Age, and Gender, 2005

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	64,220	5.7%	64,818	13.3%	4,995	7.3%	3,935	12.5%	648	7.4%	3,459	6.9%	3,724	15.6%	145,799
5-9	63,394	5.6%	55,087	11.3%	5,586	8.2%	2,549	8.1%	1,134	12.9%	3,100	6.1%	3,743	15.6%	134,593
10-14	66,469	5.9%	49,255	10.1%	6,234	9.1%	2,734	8.7%	1,093	12.5%	2,882	5.7%	2,951	12.3%	131,618
15-19	64,780	5.7%	40,456	8.3%	5,797	8.5%	2,643	8.4%	1,038	11.8%	2,493	4.9%	2,364	9.9%	119,571
20-24	64,784	5.7%	41,109	8.4%	5,446	8.0%	2,667	8.5%	869	9.9%	3,060	6.1%	1,949	8.1%	119,884
25-29	68,897	6.1%	49,001	10.0%	5,227	7.6%	3,049	9.7%	730	8.3%	4,654	9.2%	1,695	7.1%	133,253
30-34	73,703	6.5%	45,175	9.2%	5,434	7.9%	2,764	8.8%	723	8.3%	6,001	11.9%	1,494	6.2%	135,294
35-39	76,194	6.7%	36,145	7.4%	5,374	7.9%	2,222	7.1%	604	6.9%	5,059	10.0%	1,193	5.0%	126,791
40-44	86,682	7.6%	29,283	6.0%	5,479	8.0%	2,289	7.3%	559	6.4%	4,403	8.7%	1,081	4.5%	129,776
45-49	86,562	7.6%	22,832	4.7%	4,795	7.0%	1,805	5.8%	459	5.2%	3,698	7.3%	942	3.9%	121,093
50-54	79,911	7.0%	16,665	3.4%	3,915	5.7%	1,453	4.6%	271	3.1%	3,233	6.4%	763	3.2%	106,211
55-59	77,155	6.8%	12,608	2.6%	2,851	4.2%	1,103	3.5%	198	2.3%	2,607	5.2%	636	2.7%	97,158
60-64	64,003	5.6%	8,708	1.8%	2,219	3.2%	729	2.3%	159	1.8%	1,828	3.6%	435	1.8%	78,081
65-69	51,178	4.5%	6,275	1.3%	1,780	2.6%	541	1.7%	119	1.4%	1,499	3.0%	304	1.3%	61,696
70-74	44,314	3.9%	4,679	1.0%	1,252	1.8%	340	1.1%	73	0.8%	1,097	2.2%	249	1.0%	52,004
75+	101,897	9.0%	6,983	1.4%	2,036	3.0%	541	1.7%	85	1.0%	1,372	2.7%	412	1.7%	113,326
Total	1,134,143		489,079		68,420		31,364		8,762		50,445		23,935		1,806,148
Males															
0-4	67,558	6.1%	68,034	12.4%	5,326	7.5%	3,767	13.0%	587	6.3%	3,451	7.4%	3,987	16.8%	152,710
5-9	66,695	6.1%	57,667	10.5%	5,847	8.2%	2,678	9.2%	1,151	12.4%	3,099	6.6%	3,852	16.2%	140,989
10-14	70,039	6.4%	51,501	9.4%	6,470	9.1%	2,728	9.4%	1,107	11.9%	3,041	6.5%	3,107	13.1%	137,993
15-19	68,561	6.2%	43,444	7.9%	6,178	8.7%	2,666	9.2%	943	10.1%	2,702	5.8%	2,346	9.9%	126,840
20-24	66,463	6.0%	51,189	9.3%	5,566	7.9%	2,419	8.4%	884	9.5%	3,107	6.7%	1,869	7.9%	131,497
25-29	70,574	6.4%	64,137	11.7%	6,078	8.6%	2,851	9.8%	969	10.4%	4,750	10.2%	1,665	7.0%	151,024
30-34	77,199	7.0%	55,645	10.1%	5,929	8.4%	2,583	8.9%	766	8.2%	5,696	12.2%	1,371	5.8%	149,189
35-39	81,006	7.4%	43,966	8.0%	5,634	7.9%	2,213	7.6%	757	8.1%	4,843	10.4%	1,163	4.9%	139,582
40-44	87,882	8.0%	34,472	6.3%	6,024	8.5%	2,022	7.0%	686	7.4%	3,993	8.6%	1,051	4.4%	136,130
45-49	86,966	7.9%	25,334	4.6%	5,182	7.3%	1,450	5.0%	494	5.3%	3,200	6.9%	938	3.9%	123,564
50-54	76,523	6.9%	17,834	3.3%	3,888	5.5%	1,112	3.8%	342	3.7%	2,502	5.4%	713	3.0%	102,914
55-59	71,697	6.5%	12,681	2.3%	2,981	4.2%	928	3.2%	232	2.5%	1,901	4.1%	541	2.3%	90,961
60-64	57,305	5.2%	8,273	1.5%	1,936	2.7%	523	1.8%	157	1.7%	1,362	2.9%	404	1.7%	69,960
65-69	46,265	4.2%	5,734	1.0%	1,562	2.2%	406	1.4%	83	0.9%	1,234	2.6%	298	1.3%	55,582
70-74	39,971	3.6%	3,874	0.7%	1,087	1.5%	255	0.9%	89	1.0%	837	1.8%	223	0.9%	46,336
75+	66,655	6.1%	4,650	0.8%	1,196	1.7%	368	1.3%	50	0.5%	922	2.0%	268	1.1%	74,109
Total	1,101,359		548,435		70,884		28,969		9,297		46,640		23,796		1,829,380

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2005.

Maricopa County Population Statistics

Table 1.03 Population Estimates by Age, Gender, and Race/Ethnicity, 2004

Age by Gender

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	148,638	8.5%	141,778	8.1%	290,416	8.3%
5-9	137,396	7.8%	131,281	7.5%	268,677	7.7%
10-14	135,303	7.7%	129,060	7.4%	264,363	7.6%
15-19	121,051	6.9%	113,819	6.5%	234,870	6.7%
20-24	129,145	7.3%	117,046	6.7%	246,191	7.0%
25-34	290,456	16.5%	260,016	14.9%	550,472	15.7%
35-44	264,749	15.1%	247,462	14.2%	512,211	14.6%
45-54	212,591	12.1%	215,849	12.4%	428,440	12.2%
55-64	148,691	8.5%	162,320	9.3%	311,011	8.9%
65-74	97,756	5.6%	110,184	6.3%	207,940	5.9%
75-84	56,695	3.2%	78,679	4.5%	135,374	3.9%
85+	16,142	0.9%	32,480	1.9%	48,622	1.4%
Total	1,758,613		1,739,974		3,498,587	

Race/Ethnicity by Gender

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,074,999	58.8%	1,108,363	61.4%
Hispanic	514,801	28.1%	459,836	25.5%
African American	66,805	3.7%	64,247	3.6%
Amer. Ind., Non-Hisp.	27,722	1.5%	30,034	1.7%
Amer. Ind., Hisp.	8,920	0.5%	8,456	0.5%
Asian	43,012	2.4%	46,507	2.6%
Other/2+ Races	22,354	1.2%	22,531	1.2%
Total	1,758,613		1,739,974	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	130,939	6.0%	127,022	13.0%	10,263	7.8%	7,010	12.1%	1,326	7.6%	6,335	7.1%	7,521	16.8%	290,416
5-9	129,361	5.9%	107,679	11.0%	11,078	8.5%	5,125	8.9%	2,282	13.1%	5,970	6.7%	7,182	16.0%	268,677
10-14	136,991	6.3%	95,961	9.8%	12,465	9.5%	5,452	9.4%	2,209	12.7%	5,596	6.3%	5,689	12.7%	264,363
15-19	129,573	5.9%	78,142	8.0%	11,107	8.5%	5,036	8.7%	1,844	10.6%	4,839	5.4%	4,329	9.6%	234,870
20-24	128,208	5.9%	91,569	9.4%	10,289	7.9%	5,107	8.8%	1,643	9.5%	5,838	6.5%	3,537	7.9%	246,191
25-34	289,402	13.3%	199,924	20.5%	21,289	16.2%	10,896	18.9%	3,055	17.6%	20,102	22.5%	5,804	12.9%	550,472
35-44	327,318	15.0%	132,241	13.6%	21,230	16.2%	8,411	14.6%	2,486	14.3%	16,335	18.2%	4,190	9.3%	512,211
45-54	316,094	14.5%	74,654	7.7%	16,203	12.4%	5,452	9.4%	1,399	8.1%	11,530	12.9%	3,108	6.9%	428,440
55-64	252,100	11.5%	37,771	3.9%	8,901	6.8%	2,965	5.1%	675	3.9%	6,754	7.5%	1,845	4.1%	311,011
65-74	176,783	8.1%	18,959	1.9%	5,180	4.0%	1,439	2.5%	337	1.9%	4,212	4.7%	1,030	2.3%	207,940
75-84	121,995	5.6%	8,275	0.8%	2,280	1.7%	642	1.1%	115	0.7%	1,579	1.8%	488	1.1%	135,374
85+	44,598	2.0%	2,440	0.3%	767	0.6%	221	0.4%	5	0.0%	429	0.5%	162	0.4%	48,622
Total	2,183,362		974,637		131,052		57,756		17,376		89,519		44,885		3,498,587

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2004.

Maricopa County Population Statistics

Table 1.04 Population by Race/Ethnicity, Age, and Gender, 2004

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	63,791	5.8%	61,991	13.5%	4,973	7.7%	3,563	11.9%	688	8.1%	3,145	6.8%	3,627	16.1%	141,778
5-9	62,981	5.7%	52,677	11.5%	5,467	8.5%	2,500	8.3%	1,130	13.4%	2,983	6.4%	3,543	15.7%	131,281
10-14	66,694	6.0%	46,975	10.2%	6,092	9.5%	2,737	9.1%	1,117	13.2%	2,682	5.8%	2,763	12.3%	129,060
15-19	62,949	5.7%	37,541	8.2%	5,330	8.3%	2,496	8.3%	963	11.4%	2,349	5.1%	2,191	9.7%	113,819
20-24	63,610	5.7%	40,275	8.8%	5,059	7.9%	2,650	8.8%	807	9.5%	2,836	6.1%	1,809	8.0%	117,046
25-29	66,425	6.0%	46,539	10.1%	4,840	7.5%	2,984	9.9%	706	8.3%	4,541	9.8%	1,568	7.0%	127,603
30-34	74,995	6.8%	41,814	9.1%	5,172	8.1%	2,716	9.0%	688	8.1%	5,615	12.1%	1,413	6.3%	132,413
35-39	74,815	6.8%	33,211	7.2%	5,004	7.8%	2,162	7.2%	574	6.8%	4,493	9.7%	1,101	4.9%	121,360
40-44	85,999	7.8%	27,165	5.9%	5,175	8.1%	2,202	7.3%	556	6.6%	3,983	8.6%	1,022	4.5%	126,102
45-49	83,536	7.5%	20,623	4.5%	4,374	6.8%	1,674	5.6%	382	4.5%	3,415	7.3%	876	3.9%	114,880
50-54	76,875	6.9%	15,194	3.3%	3,574	5.6%	1,349	4.5%	271	3.2%	2,995	6.4%	711	3.2%	100,969
55-59	71,712	6.5%	11,346	2.5%	2,495	3.9%	990	3.3%	173	2.0%	2,270	4.9%	581	2.6%	89,567
60-64	60,120	5.4%	7,822	1.7%	2,002	3.1%	664	2.2%	145	1.7%	1,602	3.4%	398	1.8%	72,753
65-69	49,186	4.4%	5,915	1.3%	1,594	2.5%	514	1.7%	111	1.3%	1,396	3.0%	293	1.3%	59,009
70-74	44,093	4.0%	4,297	0.9%	1,179	1.8%	305	1.0%	70	0.8%	990	2.1%	241	1.1%	51,175
75+	100,582	9.1%	6,451	1.4%	1,917	3.0%	528	1.8%	75	0.9%	1,212	2.6%	394	1.7%	111,159
Total	1,108,363		459,836		64,247		30,034		8,456		46,507		22,531		1,739,974
Males															
0-4	67,148	6.2%	65,031	12.6%	5,290	7.9%	3,447	12.4%	638	7.2%	3,190	7.4%	3,894	17.4%	148,638
5-9	66,380	6.2%	55,002	10.7%	5,611	8.4%	2,625	9.5%	1,152	12.9%	2,987	6.9%	3,639	16.3%	137,396
10-14	70,297	6.5%	48,986	9.5%	6,373	9.5%	2,715	9.8%	1,092	12.2%	2,914	6.8%	2,926	13.1%	135,303
15-19	66,624	6.2%	40,601	7.9%	5,777	8.6%	2,540	9.2%	881	9.9%	2,490	5.8%	2,138	9.6%	121,051
20-24	64,598	6.0%	51,294	10.0%	5,230	7.8%	2,457	8.9%	836	9.4%	3,002	7.0%	1,728	7.7%	129,145
25-29	69,120	6.4%	60,502	11.8%	5,434	8.1%	2,724	9.8%	950	10.7%	4,557	10.6%	1,518	6.8%	144,805
30-34	78,862	7.3%	51,069	9.9%	5,843	8.7%	2,472	8.9%	711	8.0%	5,389	12.5%	1,305	5.8%	145,651
35-39	78,865	7.3%	40,376	7.8%	5,251	7.9%	2,188	7.9%	747	8.4%	4,244	9.9%	1,068	4.8%	132,739
40-44	87,639	8.2%	31,489	6.1%	5,800	8.7%	1,859	6.7%	609	6.8%	3,615	8.4%	999	4.5%	132,010
45-49	82,889	7.7%	22,726	4.4%	4,725	7.1%	1,381	5.0%	463	5.2%	2,879	6.7%	870	3.9%	115,933
50-54	72,794	6.8%	16,111	3.1%	3,530	5.3%	1,048	3.8%	283	3.2%	2,241	5.2%	651	2.9%	96,658
55-59	66,679	6.2%	11,206	2.2%	2,660	4.0%	813	2.9%	226	2.5%	1,631	3.8%	486	2.2%	83,701
60-64	53,589	5.0%	7,397	1.4%	1,744	2.6%	498	1.8%	131	1.5%	1,251	2.9%	380	1.7%	64,990
65-69	44,509	4.1%	5,177	1.0%	1,442	2.2%	375	1.4%	75	0.8%	1,096	2.5%	280	1.3%	52,954
70-74	38,995	3.6%	3,570	0.7%	965	1.4%	245	0.9%	81	0.9%	730	1.7%	216	1.0%	44,802
75+	66,011	6.1%	4,264	0.8%	1,130	1.7%	335	1.2%	45	0.5%	796	1.9%	256	1.1%	72,837
Total	1,074,999		514,801		66,805		27,722		8,920		43,012		22,354		1,758,613

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2004.

Maricopa County Population Statistics

Table 1.05 Population Estimates by Age, Gender, and Race/Ethnicity, 2003

Age by Gender

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	143,413	8.4%	137,179	8.1%	280,592	8.3%
5-9	134,090	7.9%	128,012	7.6%	262,102	7.7%
10-14	131,933	7.8%	125,327	7.4%	257,260	7.6%
15-19	116,965	6.9%	109,489	6.5%	226,454	6.7%
20-24	128,033	7.5%	115,141	6.8%	243,174	7.2%
25-34	281,679	16.6%	253,488	15.0%	535,167	15.8%
35-44	257,456	15.1%	242,468	14.4%	499,924	14.8%
45-54	203,173	11.9%	208,337	12.3%	411,510	12.1%
55-64	139,078	8.2%	151,626	9.0%	290,704	8.6%
65-74	94,066	5.5%	106,936	6.3%	201,002	5.9%
75-84	55,756	3.3%	78,108	4.6%	133,864	4.0%
85+	15,597	0.9%	31,361	1.9%	46,958	1.4%
Total	1,701,239		1,687,472		3,388,711	

Race/Ethnicity by Gender

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,054,977	57.7%	1,089,607	60.3%
Hispanic	485,702	26.6%	434,523	24.1%
African American	63,821	3.5%	61,193	3.4%
Amer. Ind., Non-Hisp.	26,551	1.5%	28,835	1.6%
Amer. Ind., Hisp.	8,646	0.5%	8,211	0.5%
Asian	40,368	2.2%	43,741	2.4%
Other/2+ Races	21,174	1.2%	21,362	1.2%
Total	1,701,239		1,687,472	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	129,551	6.0%	119,775	13.0%	10,022	8.0%	6,427	11.6%	1,498	8.9%	5,949	7.1%	7,370	17.3%	280,592
5-9	128,446	6.0%	103,015	11.2%	11,000	8.8%	4,986	9.0%	2,203	13.1%	5,722	6.8%	6,730	15.8%	262,102
10-14	136,722	6.4%	90,434	9.8%	12,011	9.6%	5,315	9.6%	2,169	12.9%	5,286	6.3%	5,323	12.5%	257,260
15-19	126,199	5.9%	74,501	8.1%	10,556	8.4%	4,813	8.7%	1,749	10.4%	4,605	5.5%	4,031	9.5%	226,454
20-24	126,563	5.9%	91,169	9.9%	9,602	7.7%	5,145	9.3%	1,635	9.7%	5,726	6.8%	3,334	7.8%	243,174
25-34	289,226	13.5%	187,414	20.4%	20,413	16.3%	10,604	19.1%	2,882	17.1%	19,137	22.8%	5,491	12.9%	535,167
35-44	326,644	15.2%	123,107	13.4%	20,514	16.4%	8,137	14.7%	2,383	14.1%	15,116	18.0%	4,023	9.5%	499,924
45-54	307,375	14.3%	68,968	7.5%	15,058	12.0%	5,121	9.2%	1,305	7.7%	10,757	12.8%	2,926	6.9%	411,510
55-64	237,085	11.1%	34,254	3.7%	8,140	6.5%	2,759	5.0%	613	3.6%	6,153	7.3%	1,700	4.0%	290,704
65-74	172,247	8.0%	17,565	1.9%	4,789	3.8%	1,275	2.3%	317	1.9%	3,835	4.6%	974	2.3%	201,002
75-84	121,298	5.7%	7,773	0.8%	2,176	1.7%	606	1.1%	99	0.6%	1,436	1.7%	476	1.1%	133,864
85+	43,228	2.0%	2,250	0.2%	733	0.6%	198	0.4%	4	0.0%	387	0.5%	158	0.4%	46,958
Total	2,144,584		920,225		125,014		55,386		16,857		84,109		42,536		3,388,711

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2003.

Maricopa County Population Statistics

Table 1.06 Population by Race/Ethnicity, Age, and Gender, 2003

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total No.
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	63,163	5.8%	58,603	13.5%	4,873	8.0%	3,220	11.2%	779	9.5%	2,979	6.8%	3,562	16.7%	137,179
5-9	62,554	5.7%	50,283	11.6%	5,466	8.9%	2,452	8.5%	1,080	13.2%	2,848	6.5%	3,329	15.6%	128,012
10-14	66,471	6.1%	44,107	10.2%	5,841	9.5%	2,661	9.2%	1,112	13.5%	2,550	5.8%	2,585	12.1%	125,327
15-19	61,269	5.6%	35,536	8.2%	5,078	8.3%	2,403	8.3%	897	10.9%	2,257	5.2%	2,049	9.6%	109,489
20-24	62,647	5.7%	39,832	9.2%	4,713	7.7%	2,716	9.4%	800	9.7%	2,733	6.2%	1,700	8.0%	115,141
25-29	65,497	6.0%	44,459	10.2%	4,547	7.4%	2,902	10.1%	664	8.1%	4,415	10.1%	1,467	6.9%	123,951
30-34	75,819	7.0%	38,916	9.0%	4,984	8.1%	2,627	9.1%	650	7.9%	5,202	11.9%	1,339	6.3%	129,537
35-39	75,715	6.9%	31,451	7.2%	4,858	7.9%	2,171	7.5%	563	6.9%	4,187	9.6%	1,067	5.0%	120,012
40-44	85,158	7.8%	25,098	5.8%	4,936	8.1%	2,060	7.1%	516	6.3%	3,712	8.5%	976	4.6%	122,456
45-49	81,515	7.5%	19,056	4.4%	4,082	6.7%	1,636	5.7%	358	4.4%	3,259	7.5%	835	3.9%	110,741
50-54	75,151	6.9%	14,172	3.3%	3,307	5.4%	1,240	4.3%	254	3.1%	2,805	6.4%	667	3.1%	97,596
55-59	67,475	6.2%	10,260	2.4%	2,227	3.6%	879	3.0%	169	2.1%	2,027	4.6%	528	2.5%	83,565
60-64	56,355	5.2%	7,208	1.7%	1,871	3.1%	647	2.2%	132	1.6%	1,479	3.4%	369	1.7%	68,061
65-69	47,167	4.3%	5,464	1.3%	1,486	2.4%	462	1.6%	109	1.3%	1,279	2.9%	278	1.3%	56,245
70-74	44,094	4.0%	4,027	0.9%	1,089	1.8%	269	0.9%	63	0.8%	920	2.1%	229	1.1%	50,691
75+	99,557	9.1%	6,051	1.4%	1,835	3.0%	490	1.7%	65	0.8%	1,089	2.5%	382	1.8%	109,469
Total	1,089,607		434,523		61,193		28,835		8,211		43,741		21,362		1,687,472
Males															
0-4	66,388	6.3%	61,172	12.6%	5,149	8.1%	3,207	12.1%	719	8.3%	2,970	7.4%	3,808	18.0%	143,413
5-9	65,892	6.2%	52,732	10.9%	5,534	8.7%	2,534	9.5%	1,123	13.0%	2,874	7.1%	3,401	16.1%	134,090
10-14	70,251	6.7%	46,327	9.5%	6,170	9.7%	2,654	10.0%	1,057	12.2%	2,736	6.8%	2,738	12.9%	131,933
15-19	64,930	6.2%	38,965	8.0%	5,478	8.6%	2,410	9.1%	852	9.9%	2,348	5.8%	1,982	9.4%	116,965
20-24	63,916	6.1%	51,337	10.6%	4,889	7.7%	2,429	9.1%	835	9.7%	2,993	7.4%	1,634	7.7%	128,033
25-29	67,695	6.4%	56,676	11.7%	5,193	8.1%	2,671	10.1%	867	10.0%	4,518	11.2%	1,437	6.8%	139,057
30-34	80,215	7.6%	47,363	9.8%	5,689	8.9%	2,404	9.1%	701	8.1%	5,002	12.4%	1,248	5.9%	142,622
35-39	79,027	7.5%	37,662	7.8%	5,158	8.1%	2,136	8.0%	753	8.7%	3,923	9.7%	1,027	4.9%	129,686
40-44	86,744	8.2%	28,896	5.9%	5,562	8.7%	1,770	6.7%	551	6.4%	3,294	8.2%	953	4.5%	127,770
45-49	80,156	7.6%	20,852	4.3%	4,356	6.8%	1,241	4.7%	422	4.9%	2,665	6.6%	809	3.8%	110,501
50-54	70,553	6.7%	14,888	3.1%	3,313	5.2%	1,004	3.8%	271	3.1%	2,028	5.0%	615	2.9%	92,672
55-59	62,987	6.0%	10,083	2.1%	2,399	3.8%	762	2.9%	197	2.3%	1,484	3.7%	448	2.1%	78,360
60-64	50,268	4.8%	6,703	1.4%	1,643	2.6%	471	1.8%	115	1.3%	1,163	2.9%	355	1.7%	60,718
65-69	42,209	4.0%	4,751	1.0%	1,336	2.1%	327	1.2%	83	1.0%	996	2.5%	264	1.2%	49,966
70-74	38,777	3.7%	3,323	0.7%	878	1.4%	217	0.8%	62	0.7%	640	1.6%	203	1.0%	44,100
75+	64,969	6.2%	3,972	0.8%	1,074	1.7%	314	1.2%	38	0.4%	734	1.8%	252	1.2%	71,353
Total	1,054,977		485,702		63,821		26,551		8,646		40,368		21,174		1,701,239

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2003.

Maricopa County Population Statistics

Table 1.07 Population Estimates by Age, Gender, and Race/Ethnicity, 2002

Age by Gender

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	138,593	8.4%	132,084	8.0%	270,677	8.2%
5-9	131,610	8.0%	125,856	7.7%	257,466	7.8%
10-14	127,849	7.7%	121,414	7.4%	249,263	7.6%
15-19	114,382	6.9%	106,671	6.5%	221,053	6.7%
20-24	126,529	7.7%	113,167	6.9%	239,696	7.3%
25-34	273,618	16.6%	247,162	15.1%	520,780	15.8%
35-44	252,231	15.3%	239,751	14.6%	491,982	14.9%
45-54	195,191	11.8%	201,501	12.3%	396,692	12.0%
55-64	130,281	7.9%	142,041	8.7%	272,322	8.3%
65-74	91,240	5.5%	104,501	6.4%	195,741	5.9%
75-84	55,329	3.3%	77,810	4.7%	133,139	4.0%
85+	14,807	0.9%	29,823	1.8%	44,630	1.4%
Total	1,651,660		1,641,781		3,293,441	

Race/Ethnicity by Gender

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,039,197	56.8%	1,074,381	59.5%
Hispanic	458,308	25.1%	410,603	22.7%
African American	61,515	3.4%	58,898	3.3%
Amer. Ind., Non-Hisp.	25,748	1.4%	27,924	1.5%
Amer. Ind., Hisp.	8,457	0.5%	8,002	0.4%
Asian	38,260	2.1%	41,531	2.3%
Other/2+ Races	20,175	1.1%	20,442	1.1%
Total	1,651,660		1,641,781	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian Non-Hispanic		American Indian Hispanic		Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	127,738	6.0%	112,516	12.9%	9,951	8.3%	5,895	11.0%	1,695	10.3%	5,671	7.1%	7,211	17.8%	270,677
5-9	128,389	6.1%	99,243	11.4%	10,900	9.1%	4,972	9.3%	2,141	13.0%	5,484	6.9%	6,337	15.6%	257,466
10-14	135,709	6.4%	84,482	9.7%	11,663	9.7%	5,220	9.7%	2,077	12.6%	5,067	6.4%	5,045	12.4%	249,263
15-19	123,848	5.9%	72,359	8.3%	10,158	8.4%	4,634	8.6%	1,740	10.6%	4,506	5.6%	3,808	9.4%	221,053
20-24	125,013	5.9%	89,938	10.4%	9,095	7.6%	5,296	9.9%	1,561	9.5%	5,643	7.1%	3,150	7.8%	239,696
25-34	289,575	13.7%	174,944	20.1%	19,698	16.4%	10,261	19.1%	2,800	17.0%	18,286	22.9%	5,216	12.8%	520,780
35-44	328,960	15.6%	114,570	13.2%	20,028	16.6%	7,961	14.8%	2,268	13.8%	14,273	17.9%	3,922	9.7%	491,982
45-54	299,803	14.2%	63,842	7.3%	14,187	11.8%	4,891	9.1%	1,193	7.2%	10,007	12.5%	2,769	6.8%	396,692
55-64	223,155	10.6%	31,220	3.6%	7,469	6.2%	2,571	4.8%	593	3.6%	5,708	7.2%	1,606	4.0%	272,322
65-74	168,953	8.0%	16,421	1.9%	4,481	3.7%	1,197	2.2%	294	1.8%	3,464	4.3%	931	2.3%	195,741
75-84	121,214	5.7%	7,361	0.8%	2,087	1.7%	575	1.1%	93	0.6%	1,341	1.7%	468	1.2%	133,139
85+	41,221	2.0%	2,015	0.2%	696	0.6%	199	0.4%	4	0.0%	341	0.4%	154	0.4%	44,630
Total	2,113,578		868,911		120,413		53,672		16,459		79,791		40,617		3,293,441

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2002.

Maricopa County Population Statistics

Table 1.08 Population by Race/Ethnicity, Age, and Gender, 2002

Females																
Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total	
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	No.	
							No.	%	No.	%					No.	
0-4	62,228	5.8%	54,879	13.4%	4,851	8.2%	2,922	10.5%	874	10.9%	2,842	6.8%	3,488	17.1%	132,084	
5-9	62,547	5.8%	48,523	11.8%	5,424	9.2%	2,437	8.7%	1,043	13.0%	2,739	6.6%	3,143	15.4%	125,856	
10-14	65,960	6.1%	41,240	10.0%	5,650	9.6%	2,607	9.3%	1,076	13.4%	2,433	5.9%	2,448	12.0%	121,414	
15-19	60,267	5.6%	34,178	8.3%	4,865	8.3%	2,316	8.3%	883	11.0%	2,220	5.3%	1,942	9.5%	106,671	
20-24	61,844	5.8%	39,086	9.5%	4,442	7.5%	2,811	10.1%	738	9.2%	2,639	6.4%	1,607	7.9%	113,167	
25-29	65,367	6.1%	42,026	10.2%	4,461	7.6%	2,837	10.2%	642	8.0%	4,388	10.6%	1,408	6.9%	121,129	
30-34	75,784	7.1%	36,235	8.8%	4,800	8.1%	2,480	8.9%	639	8.0%	4,826	11.6%	1,269	6.2%	126,033	
35-39	77,886	7.2%	29,387	7.2%	4,809	8.2%	2,170	7.8%	537	6.7%	3,974	9.6%	1,056	5.2%	119,819	
40-44	84,732	7.9%	23,542	5.7%	4,712	8.0%	2,002	7.2%	492	6.1%	3,511	8.5%	941	4.6%	119,932	
45-49	78,834	7.3%	17,744	4.3%	3,833	6.5%	1,569	5.6%	331	4.1%	3,066	7.4%	790	3.9%	106,167	
50-54	74,361	6.9%	13,187	3.2%	3,069	5.2%	1,188	4.3%	231	2.9%	2,658	6.4%	640	3.1%	95,334	
55-59	64,289	6.0%	9,402	2.3%	2,063	3.5%	834	3.0%	170	2.1%	1,865	4.5%	508	2.5%	79,131	
60-64	52,193	4.9%	6,545	1.6%	1,713	2.9%	603	2.2%	130	1.6%	1,384	3.3%	342	1.7%	62,910	
65-69	45,571	4.2%	5,156	1.3%	1,411	2.4%	408	1.5%	99	1.2%	1,134	2.7%	259	1.3%	54,038	
70-74	44,212	4.1%	3,824	0.9%	1,020	1.7%	274	1.0%	51	0.6%	856	2.1%	226	1.1%	50,463	
75+	98,306	9.2%	5,649	1.4%	1,775	3.0%	466	1.7%	66	0.8%	996	2.4%	375	1.8%	107,633	
Total	1,074,381		410,603		58,898		27,924		8,002		41,531		20,442		1,641,781	
Males																
0-4	65,510	6.3%	57,637	12.6%	5,100	8.3%	2,973	11.5%	821	9.7%	2,829	7.4%	3,723	18.5%	138,593	
5-9	65,842	6.3%	50,720	11.1%	5,476	8.9%	2,535	9.8%	1,098	13.0%	2,745	7.2%	3,194	15.8%	131,610	
10-14	69,749	6.7%	43,242	9.4%	6,013	9.8%	2,613	10.1%	1,001	11.8%	2,634	6.9%	2,597	12.9%	127,849	
15-19	63,581	6.1%	38,181	8.3%	5,293	8.6%	2,318	9.0%	857	10.1%	2,286	6.0%	1,866	9.2%	114,382	
20-24	63,169	6.1%	50,852	11.1%	4,653	7.6%	2,485	9.7%	823	9.7%	3,004	7.9%	1,543	7.6%	126,529	
25-29	67,935	6.5%	52,501	11.5%	5,048	8.2%	2,597	10.1%	821	9.7%	4,430	11.6%	1,362	6.8%	134,694	
30-34	80,489	7.7%	44,182	9.6%	5,389	8.8%	2,347	9.1%	698	8.3%	4,642	12.1%	1,177	5.8%	138,924	
35-39	80,334	7.7%	35,068	7.7%	5,214	8.5%	2,033	7.9%	700	8.3%	3,644	9.5%	995	4.9%	127,988	
40-44	86,008	8.3%	26,573	5.8%	5,293	8.6%	1,756	6.8%	539	6.4%	3,144	8.2%	930	4.6%	124,243	
45-49	77,155	7.4%	19,028	4.2%	4,109	6.7%	1,149	4.5%	397	4.7%	2,473	6.5%	759	3.8%	105,070	
50-54	69,453	6.7%	13,883	3.0%	3,176	5.2%	985	3.8%	234	2.8%	1,810	4.7%	580	2.9%	90,121	
55-59	59,850	5.8%	9,179	2.0%	2,160	3.5%	687	2.7%	182	2.2%	1,364	3.6%	417	2.1%	73,839	
60-64	46,823	4.5%	6,094	1.3%	1,533	2.5%	447	1.7%	111	1.3%	1,095	2.9%	339	1.7%	56,442	
65-69	40,708	3.9%	4,326	0.9%	1,246	2.0%	300	1.2%	91	1.1%	890	2.3%	249	1.2%	47,810	
70-74	38,462	3.7%	3,115	0.7%	804	1.3%	215	0.8%	53	0.6%	584	1.5%	197	1.0%	43,430	
75+	64,129	6.2%	3,727	0.8%	1,008	1.6%	308	1.2%	31	0.4%	686	1.8%	247	1.2%	70,136	
Total	1,039,197		458,308		61,515		25,748		8,457		38,260		20,175		1,651,660	

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2002.

Maricopa County Population Statistics

Table 1.09 Population Estimates by Age, Gender, and Race/Ethnicity, 2001

Age by Gender

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	133,252	8.3%	126,956	8.0%	260,208	8.1%
5-9	127,961	8.0%	122,319	7.7%	250,280	7.8%
10-14	122,738	7.7%	116,324	7.3%	239,062	7.5%
15-19	112,736	7.0%	104,628	6.6%	217,364	6.8%
20-24	123,769	7.7%	110,711	6.9%	234,480	7.3%
25-34	264,863	16.5%	239,760	15.0%	504,623	15.8%
35-44	247,385	15.5%	237,119	14.9%	484,504	15.2%
45-54	189,224	11.8%	196,502	12.3%	385,726	12.1%
55-64	120,483	7.5%	131,855	8.3%	252,338	7.9%
65-74	88,955	5.6%	102,836	6.4%	191,791	6.0%
75-84	55,201	3.4%	77,179	4.8%	132,380	4.1%
85+	14,146	0.9%	28,991	1.8%	43,137	1.3%
Total	1,600,713		1,595,180		3,195,893	

Race/Ethnicity by Gender

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,023,699	56.0%	1,059,549	58.7%
Hispanic	429,299	23.5%	385,699	21.4%
African American	59,108	3.2%	56,304	3.1%
Amer. Ind., Non-Hisp.	25,003	1.4%	27,138	1.5%
Amer. Ind., Hisp.	8,292	0.5%	7,785	0.4%
Asian	36,100	2.0%	39,260	2.2%
Other/2+ Races	19,212	1.1%	19,445	1.1%
Total	1,600,713		1,595,180	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian Non-Hispanic		American Indian Hispanic		Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	125,227	6.0%	105,268	12.9%	9,899	8.6%	5,421	10.4%	1,899	11.8%	5,447	7.2%	7,047	18.2%	260,208
5-9	127,927	6.1%	93,455	11.5%	10,769	9.3%	4,988	9.6%	2,083	13.0%	5,107	6.8%	5,951	15.4%	250,280
10-14	133,156	6.4%	78,212	9.6%	11,101	9.6%	5,090	9.8%	1,996	12.4%	4,797	6.4%	4,710	12.2%	239,062
15-19	122,775	5.9%	70,671	8.7%	9,623	8.3%	4,536	8.7%	1,717	10.7%	4,440	5.9%	3,602	9.3%	217,364
20-24	123,410	5.9%	86,751	10.6%	8,750	7.6%	5,496	10.5%	1,503	9.3%	5,587	7.4%	2,983	7.7%	234,480
25-34	288,786	13.9%	162,114	19.9%	18,929	16.4%	9,959	19.1%	2,677	16.7%	17,227	22.9%	4,931	12.8%	504,623
35-44	331,158	15.9%	106,780	13.1%	19,416	16.8%	7,736	14.8%	2,157	13.4%	13,438	17.8%	3,819	9.9%	484,504
45-54	295,404	14.2%	59,119	7.3%	13,271	11.5%	4,724	9.1%	1,110	6.9%	9,458	12.6%	2,640	6.8%	385,726
55-64	207,256	9.9%	28,579	3.5%	6,877	6.0%	2,379	4.6%	551	3.4%	5,207	6.9%	1,489	3.9%	252,338
65-74	166,969	8.0%	15,327	1.9%	4,126	3.6%	1,098	2.1%	282	1.8%	3,107	4.1%	882	2.3%	191,791
75-84	121,280	5.8%	6,816	0.8%	1,987	1.7%	537	1.0%	87	0.5%	1,218	1.6%	455	1.2%	132,380
85+	39,900	1.9%	1,906	0.2%	664	0.6%	177	0.3%	15	0.1%	327	0.4%	148	0.4%	43,137
Total	2,083,248		814,998		115,412		52,141		16,077		75,360		38,657		3,195,893

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2001.

Maricopa County Population Statistics

Table 1.10 Population by Race/Ethnicity, Age, and Gender, 2001

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	60,929	5.8%	51,425	13.3%	4,821	8.6%	2,668	9.8%	971	12.5%	2,738	7.0%	3,404	17.5%	126,956
5-9	62,346	5.9%	45,654	11.8%	5,326	9.5%	2,488	9.2%	1,019	13.1%	2,528	6.4%	2,958	15.2%	122,319
10-14	64,552	6.1%	38,266	9.9%	5,349	9.5%	2,517	9.3%	1,029	13.2%	2,330	5.9%	2,281	11.7%	116,324
15-19	59,834	5.6%	32,990	8.6%	4,643	8.2%	2,281	8.4%	866	11.1%	2,173	5.5%	1,841	9.5%	104,628
20-24	60,994	5.8%	37,787	9.8%	4,179	7.4%	2,889	10.6%	698	9.0%	2,647	6.7%	1,517	7.8%	110,711
25-29	65,613	6.2%	39,466	10.2%	4,374	7.8%	2,709	10.0%	599	7.7%	4,292	10.9%	1,339	6.9%	118,392
30-34	74,773	7.1%	33,420	8.7%	4,536	8.1%	2,464	9.1%	619	8.0%	4,374	11.1%	1,182	6.1%	121,368
35-39	80,322	7.6%	27,813	7.2%	4,724	8.4%	2,198	8.1%	530	6.8%	3,768	9.6%	1,044	5.4%	120,399
40-44	83,928	7.9%	21,775	5.6%	4,472	7.9%	1,894	7.0%	459	5.9%	3,291	8.4%	901	4.6%	116,720
45-49	76,539	7.2%	16,402	4.3%	3,611	6.4%	1,467	5.4%	298	3.8%	2,948	7.5%	746	3.8%	102,011
50-54	74,747	7.1%	12,422	3.2%	2,826	5.0%	1,155	4.3%	219	2.8%	2,506	6.4%	616	3.2%	94,491
55-59	59,104	5.6%	8,510	2.2%	1,923	3.4%	753	2.8%	159	2.0%	1,687	4.3%	464	2.4%	72,600
60-64	49,272	4.7%	6,097	1.6%	1,586	2.8%	594	2.2%	111	1.4%	1,269	3.2%	326	1.7%	59,255
65-69	44,571	4.2%	4,762	1.2%	1,259	2.2%	386	1.4%	99	1.3%	1,016	2.6%	245	1.3%	52,338
70-74	44,552	4.2%	3,659	0.9%	987	1.8%	239	0.9%	50	0.6%	792	2.0%	219	1.1%	50,498
75+	97,473	9.2%	5,251	1.4%	1,688	3.0%	436	1.6%	59	0.8%	901	2.3%	362	1.9%	106,170
Total	1,059,549		385,699		56,304		27,138		7,785		39,260		19,445		1,595,180
Males															
0-4	64,298	6.3%	53,843	12.5%	5,078	8.6%	2,753	11.0%	928	11.2%	2,709	7.5%	3,643	19.0%	133,252
5-9	65,581	6.4%	47,801	11.1%	5,443	9.2%	2,500	10.0%	1,064	12.8%	2,579	7.1%	2,993	15.6%	127,961
10-14	68,604	6.7%	39,946	9.3%	5,752	9.7%	2,573	10.3%	967	11.7%	2,467	6.8%	2,429	12.6%	122,738
15-19	62,941	6.1%	37,681	8.8%	4,980	8.4%	2,255	9.0%	851	10.3%	2,267	6.3%	1,761	9.2%	112,736
20-24	62,416	6.1%	48,964	11.4%	4,571	7.7%	2,607	10.4%	805	9.7%	2,940	8.1%	1,466	7.6%	123,769
25-29	68,902	6.7%	48,590	11.3%	4,857	8.2%	2,511	10.0%	770	9.3%	4,366	12.1%	1,304	6.8%	131,300
30-34	79,498	7.8%	40,638	9.5%	5,162	8.7%	2,275	9.1%	689	8.3%	4,195	11.6%	1,106	5.8%	133,563
35-39	82,285	8.0%	32,698	7.6%	5,183	8.8%	2,008	8.0%	675	8.1%	3,482	9.6%	988	5.1%	127,319
40-44	84,623	8.3%	24,494	5.7%	5,037	8.5%	1,636	6.5%	493	5.9%	2,897	8.0%	886	4.6%	120,066
45-49	74,414	7.3%	17,351	4.0%	3,812	6.4%	1,114	4.5%	360	4.3%	2,286	6.3%	712	3.7%	100,049
50-54	69,704	6.8%	12,944	3.0%	3,022	5.1%	988	4.0%	233	2.8%	1,718	4.8%	566	2.9%	89,175
55-59	54,582	5.3%	8,342	1.9%	1,905	3.2%	591	2.4%	173	2.1%	1,227	3.4%	376	2.0%	67,196
60-64	44,298	4.3%	5,630	1.3%	1,463	2.5%	441	1.8%	108	1.3%	1,024	2.8%	323	1.7%	53,287
65-69	40,119	3.9%	3,965	0.9%	1,141	1.9%	275	1.1%	92	1.1%	781	2.2%	238	1.2%	46,611
70-74	37,727	3.7%	2,941	0.7%	739	1.3%	198	0.8%	41	0.5%	518	1.4%	180	0.9%	42,344
75+	63,707	6.2%	3,471	0.8%	963	1.6%	278	1.1%	43	0.5%	644	1.8%	241	1.3%	69,347
Total	1,023,699		429,299		59,108		25,003		8,292		36,100		19,212		1,600,713

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2001.

Maricopa County Population Statistics

Table 1.11 Maricopa County, Phoenix, and Arizona Population 1980-2005				
Year	City of Phoenix	Maricopa County	State of Arizona	Source
1980	789,704	1,509,175	2,726,100	1980 U.S. Census
1983	NA	1,642,300	2,898,400	DES Estimate
1984	NA	1,726,398	3,032,400	DES Estimate
1985	NA	1,837,912	3,162,900	1985 Special Census
1986	NA	1,909,998	3,291,600	DES Estimate
1987	NA	1,976,600	3,459,900	DES Estimate
1988	940,662	2,032,000	3,538,400	DES Estimate
1989	968,258	2,089,900	3,617,300	DES Estimate
1990	983,403	2,122,101	3,680,800	1990 U.S. Census
1991	1,005,600	2,181,950	3,767,000	DES Estimate
1992	1,020,285	2,233,700	3,858,850	DES Estimate
1993	1,035,560	2,285,200	3,958,875	DES Estimate
1994	1,059,585	2,338,263	4,071,650	DES Estimate
1995	1,098,684	2,551,765	4,228,900	1995 Special Census
1996	1,149,717	2,634,625	4,462,300	DES Estimate
1997	1,205,285	2,720,576	4,600,275	DES Estimate
1998	1,238,120	2,803,320	4,764,025	DES Estimate
1999	1,263,895	2,879,492	4,924,350	DES Estimate
2000	1,321,045	3,072,149	5,130,632	2000 U.S. Census
2001	1,345,208	3,195,893	5,295,929	U.S. Census Estimate
2002	1,367,798	3,293,441	5,438,159	U.S. Census Estimate
2003	1,388,225	3,388,711	5,577,784	U.S. Census Estimate
2004	1,417,119	3,498,587	5,739,879	U.S. Census Estimate
2005	1,461,575	3,635,528	5,939,292	U.S. Census Estimate

II. Maricopa County Five-Year Health Trends

Maricopa County Five-Year Health Trends

**Table 2.01a Selected Underlying Causes of Death 2001-2005,
Number of Deaths**

Cause		2001	2002	2003	2004	2005	
Infectious Diseases	Tuberculosis	8	11	5	7	6	
	Syphilis	1	1	0	0	0	
	HIV	99	110	119	108	93	
Cancer	Stomach	98	94	87	113	110	
	Colon	500	502	570	500	514	
	Pancreas	289	278	267	298	319	
	Lung	1,303	1,417	1,448	1,371	1,352	
	Breast	415	394	364	379	356	
	Uterine & Ovarian	213	226	225	257	247	
	Prostate	278	300	283	276	293	
	Urinary	232	232	244	275	276	
	Lymphoma	202	233	216	195	220	
	Leukemia	230	201	220	201	207	
	Other Cancer	1,215	1,188	1,236	1,303	1,283	
All Cancer	4,975	5,066	5,160	5,168	5,177		
Diabetes and Alzheimer's	Diabetes	569	691	611	604	597	
	Alzheimer's	721	936	1,103	1,113	1,246	
Major Cardio-vascular Diseases	Heart Disease	Hypertensive Heart	243	307	297	318	345
		Ischemic Heart Disease	4,548	4,752	4,801	4,655	4,849
		Other Heart Disease	1,127	883	868	802	817
		All Heart Disease	5,918	5,942	5,966	5,775	6,011
	Other Cardio-vascular	Primary Hypertension	180	209	224	265	264
		Cerebrovascular	1,380	1,385	1,313	1,350	1,270
		Atherosclerosis	90	122	116	128	171
		Other Circulatory	218	234	193	220	200
		All Other Cardiovascular	1,868	1,950	1,846	1,963	1,905
		Other Respiratory Diseases	Influenza & Pneumonia	581	708	628	582
	Chronic Lower Respiratory	1,386	1,389	1,357	1,318	1,506	
GI & Urinary	Peptic Ulcer	32	35	29	36	43	
	Liver Disease	338	350	323	320	377	
	Nephritis	286	269	263	257	212	
Pregnancy & Early Life	Pregnancy	6	4	2	2	6	
	Perinatal Conditions	172	193	172	196	181	
	Congenital Malformations	134	113	124	144	123	
	SIDS	20	20	14	8	14	
Other Diseases	Symptoms, Signs	103	159	315	412	511	
	Other Diseases	3,212	3,152	3,175	3,218	3,574	
External Causes	Motor Vehicle Collisions	487	504	493	537	587	
	All Other Accidents	876	810	806	907	1,098	
	Suicide	311	457	447	458	486	
	Homicide	335	298	319	307	331	
	Other External Causes	54	59	70	56	92	
	All External Causes	2,063	2,128	2,135	2,265	2,594	
Unknown		298	264	202	36	6	
Total		22,790	23,491	23,549	23,532	24,897	

Maricopa County Five-Year Health Trends

**Table 2.01b Selected Underlying Causes of Death, 2001-2005
Crude Death Rate per 100,000 Residents**

Cause		2001	2002	2003	2004	2005	
Infectious Diseases	Tuberculosis	0.3	0.3	0.1	0.2	0.2	
	Syphilis	0.0	0.0	0	0	0	
	HIV	3.1	3.3	3.5	3.1	2.6	
Cancer	Stomach	3.1	2.9	2.6	3.2	3.0	
	Colon	15.6	15.2	16.8	14.3	14.1	
	Pancreas	9.0	8.4	7.9	8.5	8.8	
	Lung	40.8	43.0	42.7	39.2	37.2	
	Breast	13.0	12.0	10.7	10.8	9.8	
	Uterine & Ovarian ¹	13.4	13.8	13.3	14.8	13.7	
	Prostate ¹	17.4	18.2	16.6	15.7	16.0	
	Urinary	7.3	7.0	7.2	7.9	7.6	
	Lymphoma	6.3	7.1	6.4	5.6	6.1	
	Leukemia	7.2	6.1	6.5	5.7	5.7	
	Other Cancer	38.0	36.1	36.5	37.2	35.3	
	All Cancer	155.7	153.8	152.3	147.7	142.4	
	Diabetes and Alzheimer's	Diabetes	17.8	21.0	18.0	17.3	16.4
		Alzheimer's	22.6	28.4	32.5	31.8	34.3
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart	7.6	9.3	8.8	9.1	9.5
		Ischemic Heart Disease	142.3	144.3	141.7	133.1	133.4
		Other Heart Disease	35.3	26.8	25.6	22.9	22.5
		All Heart Disease	185.2	180.4	176.1	165.1	165.3
	Other Cardiovascular	Primary Hypertension	5.6	6.3	6.6	7.6	7.3
		Cerebrovascular	43.2	42.1	38.7	38.6	34.9
		Atherosclerosis	2.8	3.7	3.4	3.7	4.7
		Other Circulatory	6.8	7.1	5.7	6.3	5.5
		All Other Cardiovascular	58.5	59.2	54.5	56.1	52.4
		Other Respiratory Diseases	Influenza & Pneumonia	18.2	21.5	18.5	16.6
	Chronic Lower Respiratory	43.4	42.2	40.0	37.7	41.4	
GI & Urinary	Peptic Ulcer	1.0	1.1	0.9	1.0	1.2	
	Liver Disease	10.6	10.6	9.5	9.1	10.4	
	Nephritis	8.9	8.2	7.8	7.3	5.8	
Pregnancy & Early Life	Pregnancy	0.2	0.1	0.1	0.1	0.2	
	Perinatal Conditions	5.4	5.9	5.1	5.6	5.0	
	Congenital Malformations	4.2	3.4	3.7	4.1	3.4	
	SIDS	0.6	0.6	0.4	0.2	0.4	
Other Diseases	Symptoms, Signs	3.2	4.8	9.3	11.8	14.1	
	Other Diseases	100.5	95.7	93.7	92.0	98.3	
External Causes	Motor Vehicle Collisions	15.2	15.3	14.5	15.3	16.1	
	All Other Accidents	27.4	24.6	23.8	25.9	30.2	
	Suicide	9.7	13.9	13.2	13.1	13.4	
	Homicide	10.5	9.0	9.4	8.8	9.1	
	Other External Causes	1.7	1.8	2.1	1.6	2.5	
	All External Causes	64.6	64.6	63.0	64.7	71.4	
Unknown		9.3	8.0	6.0	1.0	0.2	
Total		713.1	713.3	694.9	672.6	684.8	

¹ Uterine & ovarian cancer rates are per 100,000 females; prostate cancer rates are per 100,000 males.

Maricopa County Five-Year Health Trends

**Table 2.02a Other Selected Underlying Causes of Death 2001-2005,
Number of Deaths**

Cause		2001	2002	2003	2004	2005
Infectious Diseases	Salmonella & Other Intestinal Infections	11	11	31	45	44
	Septicemia	172	210	235	219	258
	Viral Hepatitis	57	59	85	79	83
	Coccidioidomycosis	16	24	16	20	19
	Other Mycoses	13	12	18	15	18
Cancer	Brain	134	123	128	141	162
	Lip	69	57	55	67	72
	Skin (Melanoma)	68	78	90	90	94
	Ovarian	133	143	151	167	149
	Testicular	2	5	3	5	5
Other Diseases	Anemias	34	31	27	28	26
	Nutritional Deficiencies	32	20	18	13	14
	Obesity	23	29	34	39	46
	Mental & Behavioral Disorders Due to the Use of Alcohol	84	86	111	104	115
	Parkinson's Disease	220	230	239	222	290
	Multiple Sclerosis	25	33	25	35	37
	Epilepsy	13	22	15	19	14
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	1,409	1,382	1,286	1,130	1,168
	Congestive Heart Failure	174	127	148	135	149
Chronic Lower Respiratory	Emphysema	333	253	262	232	215
	Asthma	36	43	38	28	38
Liver Disease	Alcoholic Liver Disease	123	168	161	181	223
Musculoskeletal	Rheumatoid Arthritis	29	32	23	17	25
	Lupus	13	16	11	12	20
	Osteoporosis	13	11	11	10	7
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	54	67	57	61	46
	Congenital Malformations of the Circulatory System	49	37	42	37	38
	Chromosomal Abnormalities	20	12	25	29	21
External Causes	Falls ¹	266	282	289	323	434
	Drowning	59	41	55	66	55
	Unintentional Poisoning	255	258	235	299	327
	Exposure to Excessive Natural Heat ¹	10	15	18	20	46
	Legal Intervention	9	10	9	12	4
	Accidental Discharge of Firearms ¹	64	11	11	5	6
	Discharge of Firearms, Undetermined Intent	7	8	12	5	15
	Complications of Medical & Surgical Care	29	31	31	23	22

¹ Refer to the Technical Notes for an explanation of the sharp changes in these causes of death over time.

Maricopa County Five-Year Health Trends

**Table 2.02b Other Selected Underlying Causes of Death 2001-2005,
Crude Death Rate per 100,000 Residents**

Cause		2001	2002	2003	2004	2005
Infectious Diseases	Salmonella & Other Intestinal Infections	0.3	0.3	0.9	1.3	1.2
	Septicemia	5.4	6.4	6.9	6.3	7.1
	Viral Hepatitis	1.8	1.8	2.5	2.3	2.3
	Coccidioidomycosis	0.5	0.7	0.5	0.6	0.5
	Other Mycoses	0.4	0.4	0.5	0.4	0.5
Cancer	Brain	4.2	3.7	3.8	4.0	4.5
	Lip	2.2	1.7	1.6	1.9	2.0
	Skin (Melanoma)	2.1	2.4	2.7	2.6	2.6
	Ovarian ¹	8.3	8.7	8.9	9.6	8.2
	Testicular ¹	0.1	0.3	0.2	0.3	0.3
Other Diseases	Anemias	1.1	0.9	0.8	0.8	0.7
	Nutritional Deficiencies	1.0	0.6	0.5	0.4	0.4
	Obesity	0.7	0.9	1.0	1.1	1.3
	Mental & Behavioral Disorders Due to the Use of Alcohol	2.6	2.6	3.3	3.0	3.2
	Parkinson's Disease	6.9	7.0	7.1	6.3	8.0
	Multiple Sclerosis	0.8	1.0	0.7	1.0	1.0
	Epilepsy	0.4	0.7	0.4	0.5	0.4
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	44.1	42.0	37.9	32.3	32.1
	Congestive Heart Failure	5.4	3.9	4.4	3.9	4.1
Chronic Lower Respiratory	Emphysema	10.4	7.7	7.7	6.6	5.9
	Asthma	1.1	1.3	1.1	0.8	1.0
Liver Disease	Alcoholic Liver Disease	3.8	5.1	4.8	5.2	6.1
Musculoskeletal	Rheumatoid Arthritis	0.9	1.0	0.7	0.5	0.7
	Lupus	0.4	0.5	0.3	0.3	0.6
	Osteoporosis	0.4	0.3	0.3	0.3	0.2
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	1.7	2.0	1.7	1.7	1.3
	Congenital Malformations of the Circulatory System	1.5	1.1	1.2	1.1	1.0
	Chromosomal Abnormalities	0.6	0.4	0.7	0.8	0.6
External Causes	Falls ²	8.3	8.6	8.5	9.2	11.9
	Drowning	1.8	1.2	1.6	1.9	1.5
	Unintentional Poisoning	8.0	7.8	6.9	8.5	9.0
	Exposure to Excessive Natural Heat ²	0.3	0.5	0.5	0.6	1.3
	Legal Intervention	0.3	0.3	0.3	0.3	0.1
	Accidental Discharge of Firearms ²	2.0	0.3	0.3	0.1	0.2
	Discharge of Firearms, Undetermined Intent	0.2	0.2	0.4	0.1	0.4
	Complications of Medical & Surgical Care	0.9	0.9	0.9	0.7	0.6

¹ Ovarian cancer rates are per 100,000 females; testicular cancer rates are per 100,000 males.

² Refer to the Technical Notes for an explanation of the sharp changes in these rates over time.

Maricopa County Five-Year Health Trends

**Table 2.03a Firearm, Drug, and Alcohol Induced and Related Deaths 2001-2005
Number of Deaths**

Cause	Year				
	2001	2002	2003	2004	2005
Firearm Induced	524	558	513	506	546
Drug Induced, Including Tobacco	332	354	357	406	470
Drug Related, Excluding Tobacco	-	-	-	443	539
Drug Related, Including Tobacco	-	-	-	601	739
Alcohol Induced	212	263	285	289	353
Alcohol Related	-	-	-	469	530

**Table 2.03b Firearm, Drug, and Alcohol Induced and Related Deaths 2001-2005
Crude Death Rate per 100,000 Residents**

Cause	Year				
	2001	2002	2003	2004	2005
Firearm Induced	16.4	16.9	15.1	14.5	15.0
Drug Induced, Including Tobacco	10.4	10.7	10.5	11.6	12.9
Drug Related, Excluding Tobacco	-	-	-	12.7	14.8
Drug Related, Including Tobacco	-	-	-	17.2	20.3
Alcohol Induced	6.6	8.0	8.4	8.3	9.7
Alcohol Related	-	-	-	13.4	14.6

Note: Firearm, drug, and alcohol induced and related deaths are also included in other categories, e.g. suicide, homicide or unintentional injuries. Refer to the Technical Notes for a complete explanation of induced versus related deaths involving firearms, drugs, or alcohol.

Maricopa County Five-Year Health Trends

Table 2.04a Number of Confirmed Cases to Residents of Selected Reportable Diseases, 2001-2005

Disease		2001	2002	2003	2004	2005
Vaccine Preventable	<i>H. influenzae</i>	40	56	44	44	60
	Measles	1	0	1	0	1
	Mumps	2	0	1	1	0
	Pertussis	145	58	75	109	248
Central Nervous System	Enceph Viral Other	10	12	21	31	23
	Meningitis Viral/Aseptic	193	232	1,140	562	722
	Meningococcal Meningitis	15	21	26	9	20
Enterics	Amebiasis	16	17	28	10	11
	Botulism	2	2	0	1	0
	Campylobacteriosis	318	367	464	427	501
	Cholera	0	0	1	0	0
	Cryptosporidiosis	7	15	5	7	9
	<i>E. Coli</i> O157.H7	20	25	28	20	30
	Giardiasis	208	162	168	105	120
	Listeriosis	8	10	8	6	8
	Salmonella Paratyphi	1	6	6	5	0
	Salmonellosis	374	395	380	356	379
	Shigellosis	252	354	338	229	249
	Typhoid	1	0	1	2	4
Mycosis	Coccidioidomycosis	1,714	2,337	2,019	2,702	2,461
Zoonoses/ Vectorborne	Brucellosis	4	5	1	0	2
	Dengue	1	0	0	0	0
	Hantavirus Pulm. Syndrome	0	3	0	0	1
	Lyme Disease	2	3	1	10	7
	Malaria	14	15	10	13	15
	West Nile Virus ¹	-	-	6	355	79
Hepatitides	Hepatitis A	197	182	151	120	68
	Hepatitis B	114	148	183	180	239
	Hepatitis C	1,421	1,492	1,906	1,725	1,366
	Hepatitis D	0	0	0	0	2
Other	Legionellosis	11	8	12	13	15
	MRSA ²	-	-	-	218	1,109
	Strep Group A	135	191	149	152	168
	Strep Group B	44	19	29	34	31
	Strep Pneumo Invasive	473	495	423	437	474
	Toxic Shock Syndrome	0	0	5	2	1
	Vibrio spp.	5	7	8	5	13
	VRE	610	733	622	991	1,362
	Yersiniosis	2	6	7	5	1
	Hansen's Disease	2	0	1	3	1
Tuberculosis		163	172	195	186	169
Sexually Transmitted Diseases	Genital Herpes ³	815	777	584	817	799
	Gonorrhea ³	2,824	2,974	2,674	2,967	2,915
	Syphilis – Primary and Secondary	150	155	141	112	123
	Syphilis – All Others	858	708	540	540	421
	Chlamydia ³	8,964	9,663	7,755	10,677	11,330
	HIV	335	348	326	319	358
	AIDS	298	327	319	335	306
All Others		9	8	1	17	22
Total		20,778	22,509	20,803	24,862	26,247

¹ In 2003, two WNV cases were Maricopa County residents who acquired WNV locally but tests were not confirmed until 2004. The remaining four cases in 2003 were Maricopa County residents who acquired WNV outside of the county. WNV was not reported to health departments until 2003.

² Methicillin-resistant *Staphylococcus Aureus* (MRSA) was not reported to health departments until October 2004. Therefore, the number of cases of MRSA prior to this time is unknown.

³ 2003 data for genital herpes, chlamydia, and gonorrhea are disproportionately lower than other years due to a backlog in data entry during 2003.

Maricopa County Five-Year Health Trends

Table 2.04b Case Rates per 100,000 Residents for Selected Reportable Diseases, 2001-2005

Disease		2001	2002	2003	2004	2005
Vaccine Preventable	<i>H. influenzae</i>	1.3	1.7	1.3	1.3	1.7
	Measles	0.0	0	0.0	0	0.0
	Mumps	0.1	0	0.0	0.0	0
	Pertussis	4.5	1.8	2.2	3.1	6.8
Central Nervous System	Enceph Viral Other	0.3	0.4	0.6	0.9	0.6
	Meningitis Viral/Aseptic	6.0	7.0	33.6	16.1	19.9
	Meningococcal Meningitis	0.5	0.6	0.8	0.3	0.6
Enterics	Amebiasis	0.5	0.5	0.8	0.3	0.3
	Botulism	0.1	0.1	0	0.0	0
	Campylobacteriosis	10.0	11.1	13.7	12.2	13.8
	Cholera	0	0	0.0	0	0
	Cryptosporidiosis	0.2	0.5	0.1	0.2	0.2
	<i>E. Coli</i> O157.H7	0.6	0.8	0.8	0.6	0.8
	Giardiasis	6.5	4.9	5.0	3.0	3.3
	Listeriosis	0.3	0.3	0.2	0.2	0.2
	Salmonella Paratyphi	0.0	0.2	0.2	0.1	0
	Salmonellosis	11.7	12.0	11.2	10.2	10.4
	Shigellosis	7.9	10.7	10.0	6.5	6.8
Typhoid	0.0	0	0.0	0.1	0.1	
Mycosis	Coccidioidomycosis	53.6	71.0	59.6	77.2	67.7
Zoonoses/ Vectorborne	Brucellosis	0.1	0.2	0.0	0	0.1
	Dengue	0.0	0	0	0	0
	Hantavirus Pulm. Syndrome	0	0.1	0	0	0.0
	Lyme Disease	0.1	0.1	0.0	0.3	0.2
	Malaria	0.4	0.5	0.3	0.4	0.4
	West Nile Virus ¹	-	-	0.2	10.1	2.2
Hepatitides	Hepatitis A	6.2	5.5	4.5	3.4	1.9
	Hepatitis B	3.6	4.5	5.4	5.1	6.6
	Hepatitis C	44.5	45.3	56.2	49.3	37.6
	Hepatitis D	0	0	0	0	0.1
Other	Legionellosis	0.3	0.2	0.4	0.4	0.4
	MRSA ²	-	-	-	6.2	30.5
	Strep Group A	4.2	5.8	4.4	4.3	4.6
	Strep Group B ³	0.8	0.3	0.5	0.6	0.5
	Strep Pneumo Invasive	14.8	15.0	12.5	12.5	13.0
	Toxic Shock Syndrome	0	0	0.1	0.1	0.0
	Vibrio spp.	0.2	0.2	0.2	0.1	0.4
	VRE	19.1	22.3	18.4	28.3	37.5
	Yersiniosis	0.1	0.2	0.2	0.1	0.0
	Hansen's Disease	0.1	0	0.0	0.1	0.0
Tuberculosis		5.1	5.2	5.8	5.3	4.6
Sexually Transmitted Diseases	Genital Herpes ⁴	25.5	23.6	17.2	23.4	22.0
	Gonorrhea ⁴	88.4	90.3	78.9	84.8	80.2
	Syphilis – Primary and Secondary	4.7	4.7	4.2	3.2	3.4
	Syphilis – All Others	26.8	21.5	15.9	15.4	11.6
	Chlamydia ⁴	280.5	293.4	228.8	305.2	311.6
	HIV	10.5	10.6	9.6	9.1	9.8
AIDS	9.3	9.9	9.4	9.6	8.4	
All Others		0.3	0.2	0.0	0.5	0.6
Total		650.1	683.4	613.9	710.6	722.0

¹ In 2003, two WNV cases were Maricopa County residents who acquired WNV locally but tests were not confirmed until 2004. The remaining four cases in 2003 were Maricopa County residents who acquired WNV outside of the county. WNV was not reported to health departments until 2003.

² Methicillin-resistant *Staphylococcus Aureus* (MRSA) was not reported to health departments until October 2004. Therefore, the number of cases of MRSA prior to this time is unknown.

³ Rates for Streptococcus Group B Invasive disease in infants <90 days are per 1,000 live births.

⁴ 2003 data for genital herpes, chlamydia, and gonorrhea are disproportionately lower than other years due to a backlog in data entry during 2003.

Maricopa County Five-Year Health Trends

**Table 2.05a Congenital Syphilis by Race/Ethnicity and Year
Number of Cases, 2001-2005**

Race/Ethnicity	Year				
	2001	2002	2003	2004	2005
White	3	2	2	1	1
Hispanic (Including Amer. Ind.)	21	12	19	11	16
African American	3	3	3	0	3
American Indian, Non-Hispanic	1	3	1	0	2
Asian	0	0	0	0	0
Other/Unknown	0	0	0	0	0
Total	28	20	25	12	22

**Table 2.05b Congenital Syphilis by Race/Ethnicity and Year
Case Rates per 100,000 Live Births, 2001-2005**

Race/Ethnicity	Year				
	2001	2002	2003	2004	2005
White	11.4	7.6	7.6	3.7	3.7
Hispanic (Including Amer. Ind.)	87.5	48.0	71.0	40.1	55.8
African American	148.6	151.7	137.6	0	116.4
American Indian, Non-Hispanic	66.2	191.6	62.0	0	114.4
Asian	0	0	0	0	0
Other/Unknown	-	-	-	-	-
Total	50.3	35.3	42.4	19.8	35.4

Table 2.06 Hansen's Disease Prevalence

Total number of cases reported in Maricopa County as of December 31, 2005	
Gender	
Male	35
Female	30
Total	65
Age at Diagnosis	
0-9	1
10-14	1
15-19	6
20-24	6
25-34	17
35-44	10
45-54	3
55-64	8
65 and Older	1
Unknown	12
Total	65

This table includes all known cases of Hansen's Disease diagnosed in Maricopa County, including some non-Maricopa County residents. It includes suspect and confirmed cases diagnosed between 1955 and 2005.

Maricopa County Five-Year Health Trends

Table 2.07a Selected Maternal & Child Health Indicators, 2001-2005

Indicator		2001	2002	2003	2004	2005	
Countywide Indicators	Number of Live Births	55,623	56,611	59,000	60,535	62,223	
	Male Infants of Total Live Births	28,265	29,059	30,119	30,971	31,771	
Percentage of Live Births to Mothers With Selected Risk Factors	Mothers With <12 Years Education	17,233	17,139	18,420	18,662	18,816	
	Births to Women 10-19 Years Old	7,222	6,832	6,968	7,082	7,212	
	Births to Women 15-17 Years Old	2,522	2,351	2,484	2,540	2,582	
	Births to Women Over 35 Years Old	6,375	6,544	6,753	7,339	7,478	
	Births to Never Married Women	21,000	21,720	23,191	24,204	25,574	
	Tobacco Use During Pregnancy	3,409	3,263	3,226	3,145	2,833	
	Alcohol Use During Pregnancy	416	400	475	411	397	
	Mother with Pre-Existing Cardiac Disease	151	103	73	53	99	
	Mother with Pre-Existing Diabetes	1,256	1,343	1,180	1,303	1,713	
	Mothers with No Medical Risk Factors for Pregnancy	41,703	42,285	43,753	45,689	47,616	
Percentage of Live Births With Selected Risk Factors Associated with Pregnancy	Induced Labor	8,752	9,424	10,122	10,726	12,060	
	Delivery via C-Section	Primary Cesarean Section	7,158	7,372	7,856	8,260	9,030
		Repeat Cesarean Section	4,127	4,933	5,404	6,153	6,826
	Preterm Births (Less than 37 Weeks)	5,630	5,877	6,339	6,816	6,804	
	Hospital Births	55,197	56,186	58,523	60,098	61,837	
	Method of Payment	AHCCCS	24,426	26,569	28,719	30,044	32,242
		IHS	187	263	281	219	212
		Private Insurance	29,171	28,091	28,202	28,264	27,904
		Self	1,270	1,188	1,153	1,421	1,602
	Prenatal Care	None	864	1,000	1,619	1,460	1,193
		1 st Trimester	43,429	44,784	46,429	48,202	50,090
		2 nd Trimester	8,642	8,566	8,457	8,605	9,107
		3 rd Trimester	1,897	1,905	2,157	2,129	1,797
	Number of Prenatal Care Visits	0	864	1,000	1,619	1,460	1,193
		1-4	1,899	1,885	1,883	2,198	2,147
		5-8	6,498	7,239	7,687	8,791	9,859
		9-12	23,719	25,250	26,899	30,114	33,038
		13+	20,772	20,204	19,260	17,426	15,932
	Plurality	Singletons	53,990	54,962	57,281	58,691	60,450
		Twins	1,514	1,524	1,589	1,713	1,684
Singleton Births Receiving Early & Adequate Prenatal Care ¹		39,657	40,885	40,663	41,925	42,992	
Percentage of Live Births with Selected Risk Factors Associated with the Neonate	Neonatal Intensive Care	3,173	3,233	2,974	3,312	3,525	
	Infants Transferred to Another Facility ²	249	216	262	289	346	
	Birthweight	Very Low (<1500g)	602	673	673	735	735
		Low (<2500g)	3,849	3,800	4,113	4,275	4,253
		High (>4250g)	1,927	1,953	1,910	1,878	1,866
	Infants With a Neural Tube Defect ³	14	7	17	11	7	
Infants With Fetal Alcohol Syndrome ³	3	0	0	0	1		

¹ See the technical notes for an explanation of early and adequate prenatal care.

² Infants transferred from Banner Good Samaritan Hospital to Phoenix Children's Hospital have not been counted as transfers since the two hospitals share facilities, with Phoenix Children's Hospital providing Neonatal Intensive Care services to infants born at Banner Good Samaritan.

³ Due to the collection method for this data, information is underestimated.

Maricopa County Five-Year Health Trends

Table 2.07b Selected Maternal & Child Health Indicator Percentages, 2001-2005

Indicator		2001	2002	2003	2004	2005	
Countywide Indicators	Number of Live Births	55,623	56,611	59,000	60,535	62,223	
	% Male Infants of Total Live Births	50.8%	51.3%	51.0%	51.2%	51.1%	
	Fertility Rate per 1,000 Women Age 15-44 ¹	80.4	80.1	81.9	82.0	81.4	
Percentage of Live Births to Mothers With Selected Risk Factors	% Mothers With <12 Years Education	31.0%	30.3%	31.2%	30.8%	30.2%	
	% Births to Women 10-19 Years Old	13.0%	12.1%	11.8%	11.7%	11.6%	
	% Births to Women 15-17 Years Old	4.5%	4.2%	4.2%	4.2%	4.1%	
	% Births to Women Over 35 Years Old	11.5%	11.6%	11.4%	12.1%	12.0%	
	% Births to Never Married Women	37.8%	38.4%	39.3%	40.0%	41.1%	
	% Tobacco Use During Pregnancy	6.1%	5.8%	5.5%	5.2%	4.6%	
	% Alcohol Use During Pregnancy	0.7%	0.7%	0.8%	0.7%	0.6%	
	% Mother with Pre-Existing Cardiac Disease	0.3%	0.2%	0.1%	0.1%	0.2%	
	% Mother with Pre-Existing Diabetes	2.3%	2.4%	2.0%	2.2%	2.8%	
	% Mothers with No Medical Risk Factors for Pregnancy	75.0%	74.7%	74.2%	75.5%	76.5%	
Percentage of Live Births With Selected Risk Factors Associated with Pregnancy	% Induced Labor	15.7%	16.6%	17.2%	17.7%	19.4%	
	Delivery via C-Section	Primary Cesarean Section	12.9%	13.0%	13.3%	13.6%	14.5%
		Repeat Cesarean Section	7.4%	8.7%	9.2%	10.2%	11.0%
	% Preterm Births (Less than 37 Weeks)	10.1%	10.4%	10.7%	11.3%	10.9%	
	% Hospital Births	99.2%	99.2%	99.2%	99.3%	99.4%	
	Method of Payment	AHCCCS	43.9%	46.9%	48.7%	49.6%	51.8%
		IHS	0.3%	0.5%	0.5%	0.4%	0.3%
		Private Insurance	52.4%	49.6%	47.8%	46.7%	44.8%
		Self	2.3%	2.1%	2.0%	2.3%	2.6%
	Prenatal Care	None	1.6%	1.8%	2.7%	2.4%	1.9%
		1 st Trimester	78.1%	79.1%	78.7%	79.6%	80.5%
		2 nd Trimester	15.5%	15.1%	14.3%	14.2%	14.6%
		3 rd Trimester	3.4%	3.4%	3.7%	3.5%	2.9%
	Number of Prenatal Care Visits	0	1.6%	1.8%	2.7%	2.4%	1.9%
		1-4	3.4%	3.3%	3.2%	3.6%	3.5%
		5-8	11.7%	12.8%	13.0%	14.5%	15.8%
		9-12	42.6%	44.6%	45.6%	49.7%	53.1%
		13+	37.3%	35.7%	32.6%	28.8%	25.6%
	Plurality	Singletons	97.1%	97.1%	97.1%	97.0%	97.2%
		Twins	2.7%	2.7%	2.7%	2.8%	2.7%
% Singleton Births Receiving Early & Adequate Prenatal Care ²		73.5%	74.4%	71.0%	71.4%	71.1%	
Percentage of Live Births with Selected Risk Factors Associated with the Neonate	Neonatal Intensive Care		5.7%	5.7%	5.0%	5.5%	5.7%
	% Infants Transferred to Another Facility ³		0.4%	0.4%	0.4%	0.5%	0.6%
	Birthweight	Very Low (<1500g)	1.1%	1.2%	1.1%	1.2%	1.2%
		Low (<2500g)	6.9%	6.7%	7.0%	7.1%	6.8%
		High (>4250g)	3.5%	3.4%	3.2%	3.1%	3.0%
	% Infants With a Neural Tube Defect ⁴		0.0%	0.0%	0.0%	0.0%	0.0%
% Infants With Fetal Alcohol Syndrome ⁴		0.0%	0%	0%	0%	0.0%	

¹ The annual number of women age 15 to 44 years old was used to compute this rate.

² See the technical notes for an explanation of early and adequate prenatal care.

³ Infants transferred from Banner Good Samaritan Hospital to Phoenix Children's Hospital have not been counted as transfers since the two hospitals share facilities, with Phoenix Children's Hospital providing Neonatal Intensive Care services to infants born at Banner Good Samaritan.

⁴ Due to the collection method for this data, information is underestimated.

Maricopa County Five-Year Health Trends

Table 2.08a Infant Mortality by Race/Ethnicity of Mother, 2001-2005 (Linked)

Race/Ethnicity of Mother	Year					Total
	2001	2002	2003	2004	2005	
White	164	168	138	151	155	776
Hispanic	130	148	171	185	172	806
African American	34	20	26	21	21	122
Amer Ind., Non-Hisp.	20	10	18	11	11	70
Amer Ind., Hispanic	0	0	1	1	0	2
Asian	7	9	12	13	13	54
Other/Unknown	4	0	1	4	1	10
Total	359	355	367	386	373	1840

Table 2.08b Infant Mortality Rates by Race/Ethnicity of Mother, 2001-2005 (Linked)
Infant Mortality per 1,000 Live Births

Race/Ethnicity of Mother	Year				
	2001	2002	2003	2004	2005
White	6.2	6.4	5.2	5.6	5.7
Hispanic	5.4	6.0	6.4	6.8	6.0
African American	16.8	10.1	11.9	8.7	8.1
Amer Ind., Non-Hisp.	13.2	6.4	11.2	6.4	6.3
Amer Ind., Hispanic	0	0	9.9	11.6	0
Asian	4.6	5.4	6.5	6.6	6.4
Other/Unknown	-	-	-	-	-
Total	6.5	6.3	6.2	6.4	6.0

Table 2.09a Infant Mortality by Age of Mother, 2001-2005 (Linked)

Age of Mother	Year					Total
	2001	2002	2003	2004	2005	
<20	57	65	57	67	63	309
20-29	182	172	201	205	208	968
30-39	113	109	96	102	89	509
40 and Older	7	9	13	12	13	54
Total	359	355	367	386	373	1840

Table 2.09b Infant Mortality Rates by Age of Mother, 2001-2005 (Linked)
Infant Mortality per 1,000 Live Births

Age of Mother	Year				
	2001	2002	2003	2004	2005
<20	7.9	9.5	8.2	9.5	8.7
20-29	6.0	5.6	6.2	6.3	6.1
30-39	6.7	6.2	5.2	5.2	4.5
40 and Older	6.1	8.0	10.6	9.0	10.0
Total	6.5	6.3	6.2	6.4	6.0

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

Maricopa County Five-Year Health Trends

Table 2.10a Infant Mortality by Educational Level of Mother, 2001-2005 (Linked)

Educational Level of Mother	Year					Total
	2001	2002	2003	2004	2005	
Less Than 6 th Grade	4	6	13	7	9	39
6 th – 11 th Grade	114	115	109	142	125	605
High School Diploma	111	102	118	108	113	552
College or Higher	110	122	117	121	120	590
Unknown	20	10	10	8	6	54
Total	359	355	367	386	373	1840

Table 2.10b Infant Mortality Rates by Educational Level of Mother, 2001-2005 (Linked)
Infant Mortality per 1,000 Live Births

Educational Level of Mother	Year				
	2001	2002	2003	2004	2005
Less Than 6 th Grade	3.7	5.7	10.6	6.2	8.3
6 th – 11 th Grade	7.1	7.1	6.3	8.1	7.0
High School Diploma	7.7	6.7	7.7	6.9	6.8
College or Higher	4.9	5.3	4.8	4.8	4.6
Unknown	15.6	8.3	9.6	9.0	10.4
Total	6.5	6.3	6.2	6.4	6.0

Table 2.11a Infant Mortality by Birthweight, 2001-2005 (Linked)

Birthweight	Year					Total
	2001	2002	2003	2004	2005	
<1500 Grams	181	196	180	212	197	966
1500-2499 Grams	58	38	57	70	52	275
2500-4249 Grams	113	117	126	103	121	580
>4249 Grams	3	3	2	0	2	10
Unknown	4	1	2	1	1	9
Total	359	355	367	386	373	1840

Table 2.11b Infant Mortality Rates by Birthweight, 2001-2005 (Linked)
Infant Mortality per 1,000 Live Births

Birthweight	Year				
	2001	2002	2003	2004	2005
<1500 Grams	300.7	291.2	267.5	288.4	268.0
1500-2499 Grams	17.9	12.2	16.6	19.8	14.8
2500-4249 Grams	2.3	2.3	2.4	1.9	2.2
>4249 Grams	1.6	1.5	1.0	0	1.1
Unknown	181.8	58.8	95.2	66.7	200.0
Total	6.5	6.3	6.2	6.4	6.0

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

Maricopa County Five-Year Health Trends

Table 2.12 Infant Mortality and Rates by Age of Infant, 2001-2005 (Linked & Unlinked)

Infant Mortality		Year				
		2001	2002	2003	2004	2005
Linked Data	Neonatal (≤ 28 Days)	253	241	251	271	249
	Postnatal (> 28 Days)	106	114	116	115	124
	Total	359	355	367	386	373
Unlinked Data	Neonatal (≤ 28 Days)	259	244	253	274	253
	Postnatal (> 28 Days)	112	117	116	122	129
	Total	371	361	369	396	382
Infant Mortality Rates per 1,000 Live Births		Year				
		2001	2002	2003	2004	2005
Linked Data	Neonatal (≤ 28 Days)	4.5	4.3	4.3	4.5	4.0
	Postnatal (> 28 Days)	1.9	2.0	2.0	1.9	2.0
	Total	6.5	6.3	6.2	6.4	6.0
Unlinked Data	Neonatal (≤ 28 Days)	4.7	4.3	4.3	4.5	4.1
	Postnatal (> 28 Days)	2.0	2.1	2.0	2.0	2.1
	Total	6.7	6.4	6.3	6.5	6.1

Table 2.13a Infant Mortality by Race/Ethnicity of Infant, 2001-2005 (Unlinked)

Race/Ethnicity of Infant	Year					Total
	2001	2002	2003	2004	2005	
White	145	157	129	141	142	714
Hispanic	161	161	185	203	182	892
African American	34	24	29	28	27	142
Amer Ind., Non-Hisp.	18	6	12	6	10	52
Amer Ind., Hispanic	3	5	7	7	7	29
Asian	7	8	7	8	13	43
Other/Unknown	3	0	0	3	1	7
Total	371	361	369	396	382	1,879

Table 2.13b Infant Mortality Rates by Race/Ethnicity of Infant, 2001-2005 (Unlinked)
Infant Mortality per 1,000 Live Births

Race/Ethnicity of Infant	Year				
	2001	2002	2003	2004	2005
White	5.5	6.0	4.9	5.3	5.2
Hispanic	6.7	6.5	6.9	7.4	6.4
African American	16.8	12.1	13.3	11.6	10.5
Amer Ind., Non-Hisp.	11.9	3.8	7.4	3.5	5.7
Amer Ind., Hispanic	26.8	44.2	69.3	81.4	67.3
Asian	4.6	4.8	3.8	4.1	6.4
Other/Unknown	-	-	-	-	-
Total	6.7	6.4	6.3	6.5	6.1

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

III. Technical Notes

Population Statistics

Population statistics are shown in Tables **1.01** through **1.11**. This report used the most recent U.S. Census data and estimates for population figures at the time of analysis.

- The population for Maricopa County population is from the U.S. Census Bureau, County Population Estimates by Age, Sex, Race and Hispanic Origin for July 1, 2005, released August 4, 2006. This is at <http://www.census.gov/popest/counties/files/CO-EST2005-ALLDATA.csv>
- The population for Arizona is from http://www.census.gov/popest/national/files/NST_EST2005_ALLDATA.csv
- The population for Phoenix is from <http://www.census.gov/popest/cities/files/SUB-EST2005-almo.csv>

The population figures in this report may differ from figures in previous Maricopa County Department of Public Health (MCDPH) and other reports in two ways. First, some reports use Arizona Department of Economic Security (ADES) or MCDPH estimates for population data. Second, some reports may use the first published estimates by the 2000 U.S. Census. This report uses the most recent U.S. Census population figures and estimates for 2001-2005. For a complete explanation on how the most recent U.S. Census data differ from the first published U.S. Census data, see the following: “2000 Census of Population and Housing, Notes and Errata” at www.census.gov/prod/cen2000/notes/errata.pdf.

This report defines “Hispanic” as: all respondents listing Hispanic, either alone or in combination with any race that do not identify themselves as American Indian or Alaska Native. This report separates the American Indian population by ethnicity (Hispanic, Non-Hispanic). The table below shows how the U.S. Census variables of “origin” and “race” are used for categorization in this report.

Table 3.1 Race/Ethnicity Categories Used in This Report		
Category Used in This Report	U.S. Census Code “Race”	U.S. Census Code “Origin”
White	Race=1 (White Alone)	Origin=1 (Non-Hispanic)
African American	Race=2 (Black Alone)	Origin=1 (Non-Hispanic)
American Indian, Non-Hispanic	Race=3 (American Indian or Alaska Native Alone)	Origin=1 (Non-Hispanic)
American Indian, Hispanic	Race=3 (American Indian or Alaska Native Alone)	Origin=2 (Hispanic)
Asian	Race=4 (Asian Alone) or 5 (Native Hawaiian or Other Pacific Islander Alone)	Origin=1 (Non-Hispanic)
Other	Race=6 (Two or More Races)	Origin=1 (Non-Hispanic)
Hispanic	Race=1,2,4,5,6	Origin=2 (Hispanic)

Mortality (Death) Statistics

Mortality (death) statistics are shown in Tables **2.01a** through **2.03b**. Any crude death rate can be calculated by taking the number of deaths from any mortality table in this report and dividing it by the appropriate age, gender, race/ethnicity, or total population denominator found in Tables **1.01** through **1.10**. In tables where rates are shown, “0” means there were no cases/deaths in that category. However, when the number “0.0” is shown, it means that there were fewer than .05 deaths per 100,000 residents.

All data on mortality statistics are from the Arizona Department of Health Services (ADHS) final annual files. The Maricopa County mortality data are from death certificates for Maricopa County residents only. This includes Maricopa County residents who died in Maricopa County and residents who died elsewhere. Non-Maricopa County residents who died in Maricopa County are not included.

In the course of routine data cleaning, duplicate mortality records were identified. The following number of duplicates have been deleted from the mortality records: 5 records in 2005, 1 record in 2004, and 1 record in 2002. As a result of these deletions, the numbers presented in this report may not match those presented by ADHS for Maricopa County.

For both mortality and morbidity (communicable disease), rates for some racial/ethnic populations such as American Indians, Asians, and African Americans are high compared to other groups. Because these groups have relatively small populations in Maricopa County (under 150,000 residents as shown in Tables **1.01** through **1.11**), these high rates may represent very few deaths/cases. Among small populations, rates are less stable so one case or death can cause a big increase or decrease in the rates. Therefore, it is advisable to examine the raw number of cases or deaths, in addition to the rates.

In Table **2.01a**, deaths due to unintentional injury can be found by adding two categories – “motor vehicle collisions” and “all other accidents and adverse effects.” The total for unintentional injuries in this report is higher than the figure reported by ADHS because deaths from “complications of medical and surgical care” are included in this report. This convention follows the national model for classifying unintentional injuries. “Complications of medical and surgical care” include deaths from medical devices, adverse effects related to correct doses of therapeutic medications, and misadventures to patients during surgical or medical care (ICD-10 Y40-Y84, Y88). Table **2.02a** presents the number of deaths by year meeting the criteria for ‘complications of medical and surgical care.’

Tables **2.05b**, **2.08b**, and **2.12b** do not provide a rate for the category labeled “Unknown Race/Ethnicity.” This is because there is no denominator to use for calculating the rate as the U.S. Census does not report any data on “unknown race/ethnicity.”

Tables **2.02a** and **2.02b** show sharp changes in the numbers and rates of deaths attributed to unintentional falls, exposure to excessive natural heat, and accidental discharge of firearms. These changes may be artifacts of the mortality specification and coding systems and not real changes in the actual incidence of these events. Causes of death due to external events, as opposed to those intrinsically related to disease processes, are subject to many sources of variability:

- Causes of deaths may be translated into ICD-10 codes by different methods
- The medical examiners’ specification of the sequence of the causes of death may change from year to year in systematic, non-random ways
- Changes in NCHS rules regarding the manner, or intentionality, of death may have caused misclassification of intentional injuries, like suicides and homicides, as unintentional, or accidental, injuries.

Further investigation into the reasons for these changes is ongoing.

Unless otherwise noted, all deaths are attributed to one underlying condition, based on death certificate information, using the rules of the International Classification of Diseases. Causes of death are classified by ICD-10 codes. The codes used for each category are listed in Table 3.2 below.

Firearm, drug, and alcohol induced deaths are also included in a number of other categories, such as suicide, homicide, unintentional injury, etc. For example, a firearm induced death may also be classified as a suicide, homicide, or “other accident or adverse effect.” An alcohol induced death may be attributed to a long or short term effect of alcohol, such as acute alcohol intoxication or alcoholic cardiomyopathy.

Tables 2.03a and 2.03b show deaths resulting directly (induced) and indirectly (related) from firearms, drugs, and alcohol. Drugs include prescription medications and illegal substances, regardless of whether use was recreational or medicinal. Tobacco is considered a drug by the National Center for Health Statistics (NCHS). Since tobacco is not often considered to be a drug in the colloquial sense, drug-related deaths are listed both with and without tobacco-related deaths.

Induced deaths refer to cases in which the use of a firearm, drug, or alcohol contributed directly to the cause of death, i.e., death due to an overdose of drugs, or a fatal gunshot injury. Related deaths refer to cases in which the use of a drug or alcohol was listed on the death certificate, but the substance was not necessarily involved in the final cause of death, i.e., death due to dehydration resulting from environmental exposure, with chronic drug use noted elsewhere on the certificate.

Related causes of deaths are counted using multiple cause of death (MCD) data supplied by ADHS with the final annual mortality files, beginning in 2004.

Table 3.2 ICD-10 Codes Used for This Report

Cause	ICD-10 Codes Used (2001-2005)
Salmonella & Other Intestinal Infections	A01-A04, A06-A09
Tuberculosis	A16-A19
Septicemia	A40-A41
Syphilis	A50-A53
HIV Disease	B20-B24
Viral Hepatitis	B15-B19
Coccidioidomycosis	B38
Other Mycoses	B35-B37, B39-B49
Malignant Neoplasms (Cancer)	C00-C97
Malignant Neoplasm of the Lip, Oral Cavity, and Pharynx	C00-C14
Malignant Neoplasm of the Stomach	C16
Malignant Neoplasm of the Colon	C18-C21
Malignant Neoplasm of the Pancreas	C25
Malignant Neoplasm of Bronchus, Lung, or Trachea	C33-C34
Malignant Melanoma of Skin	C43
Malignant Neoplasm of the Breast	C50
Malignant Neoplasm of the Uterus, Cervix, Ovary	C53-C56
Malignant Neoplasm of the Ovary	C56
Malignant Neoplasm of the Prostate	C61

(Table Continues)

(Table 3.2, Continued)

Cause	ICD-10 Codes Used (2001-2005)
Malignant Neoplasm of the Testes	C62
Malignant Neoplasm of Urinary Organs	C64-C68
Malignant Neoplasm of the Meninges, Brain, and Central Nervous System	C70-C72
Non-Hodgkins Lymphoma	C82-C85
Leukemia	C91-C95
Other Malignant Neoplasms	C00-C15, C17, C22-C24, C26-C32, C37-C49, C51-C52, C57-C60, C62-C63, C69-C81, C88, C90, C96-97
Anemias	D56-D64
Diabetes	E10-E14
Nutritional Deficiencies	E40-E64
Obesity	E66
Mental & Behavioral Disorders Due to the Use of Alcohol	F10
Parkinson's Disease	G20-G21
Alzheimer's	G30
Multiple Sclerosis	G35
Epilepsy	G40-G41
Major Cardiovascular Disease	I00-I78
Disease of Heart	I00-I09, I11, I13, I20-I51
Hypertensive Heart Disease	I11, I13
Ischemic Heart Disease	I20-I25
Acute Myocardial Infarction	I21-I22
Other Heart Disease	I00-I09, I26-I51
Congestive Heart Failure	I50
Coronary Heart Disease	I11, I20-I25
Primary Hypertension	I10, I12
Cerebrovascular Diseases	I60-I69
Atherosclerosis	I70
Other Circulatory	I71-I78
Influenza & Pneumonia	J10-J18
Chronic Lower Respiratory	J40-J47
Emphysema	J43
Asthma	J45-J46
Peptic Ulcer	K25-K28
Liver Disease, including chronic liver disease, cirrhosis, alcoholic liver disease, and other chronic liver disease	K70, K73-K74
Alcoholic Liver Disease	K70
Rheumatoid Arthritis	M05-M08
Lupus	M32
Osteoporosis	M80-M81
Nephritis, nephritic syndrome and nephrosis	N00-N07, N17-N19, N25-N27
Pregnancy, childbirth, and the puerperium	O00-O99
Perinatal Conditions	P00-P96
Disorders Related to Short Gestation and Low Birth Weight (LBW)	P07
Congenital Malformations	Q00-Q99

(Table Continues)

(Table 3.2, Continued)

Cause	ICD-10 Codes Used (2001-2005)
Congenital Malformations of the Circulatory System	Q20-Q28
Chromosomal Abnormalities	Q90-Q99
SIDS (Sudden Infant Death Syndrome)	R95
Ill Defined Disease Conditions (Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified, excluding SIDS)	R00-R94, R96-R99
All Other Diseases	A00-A09, A20-A49, A54-B19, B25-B99, D00-E07, E15-G25, G31-H93, I80-J06, J20-J39, J60-K22, K29-K66, K71-K72, K75-M99, N10-N15N20-N23, N28-N98
Motor Vehicle Collisions	V02-V04, V09.0, V09.2, V12-V14, V19.0 - V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0 V89.2
All Other Accidents & Adverse Effects	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 V90-X29, X31-X59, Y40-Y86, Y88
Falls	W00-W19
Exposure to Excessive Natural Heat	X30
Accidental Poisoning	X40-X49
Accidental Drowning (Excludes drowning involving water transportation)	W65-W74
Legal Intervention	Y35, Y890
Accidental Discharge of Firearms	W32-W34
Discharge of Firearms, Undetermined Intent	Y22-Y24
Complications of Medical & Surgical Care (Excludes accidental overdose of a drug or drugs administered in error)	Y40-Y84, Y88
Suicide	U03, X60-X84, Y87.0
Homicide	U01-U02, X85-Y09, Y87.1
All Other External Causes	Y10-Y36, Y87.2, Y89
Unknown Causes	No ICD code listed
Firearm Related	W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0
Drug Induced or Related	F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.8, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, F19.7-F19.9, X40-X44, X60-X64, X85, Y10-Y14
Alcohol Induced or Related	F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15

Communicable Disease (Morbidity) Statistics

Communicable disease statistics are shown in Tables **2.04a** through **2.06**. Any morbidity rate can be calculated by taking the number of cases from any communicable disease table in this report and dividing it by the appropriate age, gender, race/ethnicity, or total population denominator found in Tables **1.01** through **1.10**. Because Streptococcal Group B Invasive disease is only reportable in infants under 90 days, these numbers are divided by the number of live births, to produce a rate per 1,000 live births.

The Maricopa County morbidity data are for Maricopa County residents only. This includes Maricopa County residents who acquired a disease in Maricopa County and residents who acquired a disease elsewhere. Non-Maricopa County residents are not included, even if they acquired a disease in Maricopa County. Other reports may show different morbidity rates because they include non-residents who acquired disease in Maricopa County or they exclude residents who were exposed outside of the county. For example, this report shows six residents with West Nile virus (WNV) in 2003. Two of these cases acquired WNV outside of Maricopa County, the other four cases were acquired locally. Other reports and press releases may focus on only the locally acquired WNV cases, regardless of the residency status of the cases. For Hansen's disease only, tables include residents from various counties in Arizona, regardless of where the disease was acquired.

Communicable disease data are from the ADHS final annual files with several exceptions: data on West Nile virus, hepatitis C, genital herpes, gonorrhea, chlamydia, syphilis, and Hansen's disease are from MCDPH. Because the MCDPH communicable disease database is continuously updated, the data for hepatitis C and West Nile virus can change over time. Hepatitis C data for 2001-2005 used in this report were generated on October 31, 2006 for confirmed, acute and chronic, physician-reported cases among Maricopa County residents. West Nile virus data for 2001-2005 used in this report were generated on November 15, 2006 for all confirmed cases among Maricopa County residents.

In previous Health Status Reports, hepatitis B data were also obtained from the MCDPH. However, there have been a number of issues contributing to unreliable Hepatitis B data. Therefore, this report uses hepatitis B data for acute cases from ADHS for all years presented.

Data on tuberculosis, STDs, HIV, and AIDS may differ from other reports published by MCDPH and ADHS. Data on these diseases are in databases that may have been updated during the time between reports. HIV/AIDS data for Maricopa County are from October 27, 2006 and were provided to MCDPH for this report. Primary and secondary syphilis is shown as "Syphilis-Prim. and Sec". The "Syphilis - All others" category includes latent and congenital syphilis. These two categories can be added to determine the total number of syphilis cases. Syphilis data were generated on February 23, 2006. Congenital syphilis details may be found in Tables **2.05a** and **2.05b**.

Morbidity data include only confirmed cases, with the exception of Hansen's disease. Data for Hansen's disease includes all confirmed, suspect, and probable cases diagnosed in Maricopa County, including diagnoses to non-county residents. All communicable disease statistics in this report are new cases for each specified year (incidence). The only exception is Hansen's disease for which the prevalence (all existing cases from all years) is shown. The figures presented for Hansen's disease differ from previous years due to the addition of several cases diagnosed in previous years but only recently available.

Morbidity data for hepatitis C and West Nile Virus are classified by the earliest date in the record. The earliest date may be date of onset, date of diagnosis, or date of report. HIV, AIDS, and Hansen's disease data are classified by date of diagnosis. All other data are classified by date of report.

The category “Encephalitis Viral” includes St. Louis encephalitis and all other types of viral encephalitis except for West Nile virus. This may differ somewhat from other reports that include only certain types of encephalitides.

In Tables **2.04a** and **2.04b**, the category labeled “All Others” includes all reportable diseases in the ADHS communicable disease database that are not listed previously on the table.

Natality (Birth) Statistics

Natality (birth) statistics are shown in Tables **2.07a** through **2.10b**.

In the course of routine data cleaning, duplicate natality records were identified. The following number of duplicates have been deleted from the natality records: 1 record in 2005, 2 records in 2002, and 3 records in 2001. As a result of these deletions, the numbers presented in this report may not match those presented by ADHS for Maricopa County.

Infant mortality statistics shown in this report are from linked and unlinked data as indicated in each table. An explanation of linked and unlinked data is presented below.

The infant mortality rates for older and younger maternal age groups (under 15 and over 45) may be high compared to other groups. These groups have relatively small populations in Maricopa County. Although rates may be high, they may represent only one or two cases in a given category. Therefore, it is advisable to check the raw numbers.

Adequate prenatal care is based on the Adequacy of Prenatal Care Utilization Index (APCUI)¹. This index considers both the timing of prenatal care initiation and the number of visits after care was initiated, comparing the number of actual visits to the number of visits recommended by the American College of Obstetricians and Gynecologists. This index does not describe the quality of the care or adjust for maternal risk factors. Only singleton births are shown in these tables because twins and higher order births are typically higher risk pregnancies, and the index is not appropriate for summarizing their prenatal care usage.

- a) Inadequate: Prenatal care began after the fourth month of pregnancy or less than 50% of the expected prenatal care visits were attended
- b) Intermediate: Prenatal care began before the fourth month and 50 to 70% of the expected visits were attended
- c) Adequate: Prenatal care began prior to the fourth month and 80-109% of expected visits were attended
- d) Adequate plus: Prenatal care began prior to the fourth month of pregnancy and 110% or more of the expected visits were attended

The following definitions related to reproductive health have been established by NCHS²:

- Birth or Live Birth – The complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy or birthweight which, after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.
- Fertility Rate – Number of live births during a calendar year per 1,000 women age 15 to 44.
- Births to Teenage Mothers – Live births occurring to females under age twenty.

¹ Kotelchuck, M. An Evaluation of the Kessner Adequacy of Prenatal Care Index and a Proposed Adequacy of Prenatal Care Utilization Index, American Journal of Public Health, 1994; 84(9):1414-1420.

² NCHS guidelines were adopted from those established by the World Health Organization (WHO).

- Birth Weight – The weight of a neonate determined immediately after delivery or as soon thereafter as possible.
- Low Birthweight – Any neonate weighing less than 2,500 grams at birth (less than 5 pounds, 8 ounces).
- Very Low Birthweight – Any neonate weighing less than 1,500 grams at births (less than 3 pounds, 4 ounces).
- Preterm – Any neonate whose birth occurs through the end of the last day of the 37th week (259th day), following onset of the last menstrual period.
- Infant Death – Any death at any time from birth up to, but not including, the first year of age (<365 days).
- Infant Mortality Rate – Number of infant deaths per 1,000 live births.
- Neonatal Mortality Rate – Number of deaths to infants under 28 days of age, per 1,000 live births.
- Postnatal (Postneonatal) Mortality Rate – Number of deaths to infants between 28 days and 365 days after birth, per 1,000 live births.
- Unlinked Infant Mortality – The number of infant deaths in a given calendar year, as determined from mortality records.
- Linked Infant Mortality – Whenever possible, infant death certificate data are linked to birth certificate information to determine parental, demographic and birth data. Not all infant deaths can be linked (up to 3% are lost to follow-up). In this report, MCDPH created a linked death cohort such that one calendar year of infant death data linked back to the birth data from the current or prior calendar year.

More Information

For more information on population and health statistics, please visit the following websites:

- Maricopa County Department of Public Health: http://www.maricopa.gov/Public_Health/
- Arizona Department of Health Services: www.hs.state.az.us
- Centers for Disease Control and Prevention, National Center for Health Statistics: www.cdc.gov/nchs
- Department of Economic Security: www.de.state.az.us